A. Competence based education TITLE or competence based training TITLE and effective TEXT (ABSTRACT) ......................................... 5

Results 2011-15 ........................................................................................................................................................................ 5

DEVELOPMENT AND EVALUATION OF A COMPETENCE-BASED TEACHING PROCESS FOR SCIENCE AND TECHNOLOGY EDUCATION .................................................................................. 5
Exploring the Validity and Robustness of a Competency Self-Report Instrument for Vocational and Higher Education ........................................................................................................................................... 5
Student perceptions of assessment and student self-efficacy in competence-based education ........................................... 5

Competence and competency-based nursing education: Finding our way through the issues ............................................. 6
EDUCACIÓN BASADA EN COMPETENCIAS: HACIA UNA PEDAGOGÍA SIN DICOTOMÍAS. (Portuguese) .......................................................... 6
A Competence-based Approach in Portuguese Early Childhood Education ........................................................................... 6

The relationship between perceived competence and earned credits in competence-based higher education ............ 7
The construct validity and predictive validity of a self-efficacy measure for student teachers in competence-based education .......................................................................................................................... 7

Diversity and US Education: Student-Based Groups Promoting Cultural Competence as a Vision for the Profession .... 7
Competence-based education: learning disability nursing in Wales ......................................................................................... 8
Competence-based Education and Training—About Frequently Asked Questions ................................................................. 8
Competence-Based Education and Training ............................................................................................................................. 8

A critical time for medical education: the perils of competence-based reform of the curriculum ...................................... 8

Competence-based teacher education: A change from Didaktik to Curriculum culture? .................................................. 9

ADAPTATION ANALYSIS OF SOME ALTERNATIVE COMPETENCE-BASED EDUCATION PROGRAMS' IN A HUNGARIAN PUBLIC SCHOOL ...................................................................................................................... 9
Development of student knowledge in competence-based pre-vocational secondary education ......................................... 9

OBRAZOVANJE NASTAVNIKA I UČITELJA U EUROSPOKOM KONCEPTU KVALITETE OBRAZOVANJA ZASNOVANOM NA KOMPETENCIJAMA. (Croatian) ................................................................................................................................. 10
Students' Perceptions of Work-Based Training and Examination-Based Learning Relating to the Professional Competence of Auditors and the Impact of Regulatory Changes on Audit Training in the UK ........................................................................................................... 10
Marketing to increase participation in a Web-based continuing medical education cultural competence curriculum .... 11

Results 1980-2010 ........................................................................................................................................................................... 11

Using an instrument to analyse competence-based study programmes: experiences of teachers in Dutch vocational education and training .................................................................................................................. 11
Equitably handling diversity, elaborating e-learning approaches and expanding competence-based education: promising trends in education ........................................................................................................................................ 12
Emergence and outlook of competence-based education in European education systems: an overview. .......................................................... 12

Competence-based teacher education: Illusion or reality? An assessment of the implementation status in Flanders from teachers’ and students' points of view. .......................................................... 12

Students' personal professional theories in competence-based vocational education: the construction of personal knowledge through internalisation and socialisation. .......................................................... 13

Does an outcome-based approach to continuing medical education improve physicians’ competences in rational prescribing? .......................................................... 13

Competence-based Approaches to the Assessment of Professional Accountancy Training Work Experience Requirements: The ICAS Experience. .......................................................... 14

Teachers’ individual action theories about competence-based education: the value of the cognitive apprenticeship model. .......................................................... 14

TRANSFORMATION OF UNIVERSITY: TOWARDS PRAGMATISM AND COMPETENCE BASED EDUCATION. .......................................................... 15

Active interprofessional education in a patient based setting increases perceived collaborative and professional competence.......................................................... 15

FORMACIÓN BASADA EN COMPETENCIAS EN EDUCACIÓN SANITARIA: APROXIMACIONES A ENFOQUES Y MODELOS DE COMPETENCIA. (Spanish) .......................................................... 16

How to Investigate the Goal Orientations of Students in Competence-Based Pre-Vocational Secondary Education: Choosing the Right Instrument. .......................................................... 16

Integrating authentic assessment with competence-based learning in vocational education: the Protocol Portfolio Scoring. .......................................................... 16

AUTONOMY, COMPETENCE, AND SOCIAL RELATEDNESS IN TASK INTEREST WITHIN PROJECT-BASED EDUCATION . .......................................................... 17

Evaluating assessment quality in competence-based education: A qualitative comparison of two frameworks. .......................................................... 17

Commentary on "Community-Based Approaches to Strengthen Cultural Competence in Nursing Education and Practice." .......................................................... 17

Competence-based Assessment in Professional Education Validation.......................................................... 17

Evaluation of the Competence Reform in Norway: Access to Higher Education Based on Non-formal Learning. .......................................................... 18

[De competentiegerichte kwalificatiesysteem in het MBO: gevolgen voor leren en opleiden. .......................................................... 18

Using outcomes-based methodology for the education, training and assessment of competence of healthcare professionals. .......................................................... 18

Approved Social Work Training in Northern Ireland: Using Research to Examine Competence-based Learning and Influence Policy Change.......................................................... 19

Web-Based Digital Teaching Portfolios: Fostering Reflection and Technology Competence in Preservice Teacher Education Students. .......................................................... 19

Experiences in evaluating outcomes in tool-based, competence building education in dynamical systems using symbolic computer algebra. .......................................................... 19


Competence-Based Curricula and Assessment: The Case of Teacher Education in Indiana. .......................................................... 20

The failure of competence-based management education in the public sector. .......................................................... 20

The rhetoric and reality of professional competence-based vocational education in Scotland. .......................................................... 21

Where’s the Competence in Competence-based Education and Training? .......................................................... 21

Self-Perceived Competence of Secondary School Principals to Serve As School Leaders in Collaborative-Based Education Delivery Systems. .......................................................... 21

Relationship between competence-based education and student reflection on practice: a UK case study of initial teacher training. .......................................................... 21

Contextualising Public Policy in Vocational Education and Training: the origins of competence-based vocational qualifications policy in the UK. .......................................................... 22

FROM TOUR GUIDE TO TEACHER: DEEPENING CROSS-CULTURAL COMPETENCE THROUGH INTERNATIONAL EXPERIENCE- BASED EDUCATION. .......................................................... 22

Professional development and competence-based education. .......................................................... 22

Competence-based teacher education: Approaches and issues. .......................................................... 22

Competence-based Education and Distance Learning: a tandem for professional continuing education? .......................................................... 23

B. Educational effectiveness TITLE and competence based education TEXT ................................................. 24
Results 2011-2015 ............................................................................................................................................. 25
- Effects of a Live Educational Music Therapy Intervention on Acute Psychiatric Inpatients’ Perceived Social Support and Trust in the Therapist: A Four-Group Randomized Effectiveness Study ................................................... 25
- Using the Dynamic Model of Educational Effectiveness to Identify Stages of Effective Teaching: An Introduction to the Special Issue ..................................................................................................................... 25
- Dental Student Perceptions of Case-Based Educational Effectiveness .................................................................. 25
- Educational effectiveness of an intervention programme for social-emotional learning ........................................... 26
EDUCATIONAL RESEARCH: PURPOSE, QUALITY AND EFFECTIVENESS. .............................................. 26
A Study of the Effectiveness of Supplemental Educational Services for Title I Students in Baltimore City Public Schools. ............................................................................................................................................... 27
- Is the glass half-full or half-empty? Perceptions of recently-qualified educational psychologists on the effectiveness and impact of their Master’s level research .................................................................................................................. 27
- Using Invitational Theory to Understand the Effectiveness of Artistic Pedagogical Technologies in Creating an Invitational Classroom in the Online Educational Milieu ...................................................................................................................... 27
Results 1997-2010 ............................................................................................................................................. 28
- School Factors Explaining Achievement on Cognitive and Affective Outcome: Establishing a Dynamic Model of Educational Effectiveness .......................................................... 28
- Towards the development of generic and differentiated models of educational effectiveness: a study on school and teacher effectiveness in physical education ...................................................................................... 28
- The Birth to School Study: evidence on the effectiveness of PEEP, an early intervention for children at risk of educational under-achievement ........................................................................................................... 29
- Educational psychology and the effectiveness of inclusive education/mainstreaming ......................................................................................... 29
- Professional capacity and organizational change as measures of educational effectiveness: assessing the impact of postgraduate education in Development Policy and Management ................................................................................. 30
- The impact of multifaceted educational structuring on learning effectiveness in a surgical clerkship ......................... 30
- School Effectiveness Research and Educational Policy ................................................................................................. 30
- A Cost-Effectiveness Model for the Assessment of Educational Productivity ................................................................. 31
- Educational foundations for environmental effectiveness ........................................................................................................... 31

C. Educational effectiveness TITLE and competence based training TEXT .................................................. 31
Results 2011-2015 ............................................................................................................................................. 31
- Using the Dynamic Model of Educational Effectiveness to Identify Stages of Effective Teaching: An Introduction to the Special Issue ............................................................................................................. 31
- Dental Student Perceptions of Case-Based Educational Effectiveness ...................................................................................... 31
- Educational effectiveness of an intervention programme for social-emotional learning ................................................. 32
EDUCATIONAL RESEARCH: PURPOSE, QUALITY AND EFFECTIVENESS. .............................................. 32
- Is the glass half-full or half-empty? Perceptions of recently-qualified educational psychologists on the effectiveness and impact of their Master’s level research .................................................................................................................. 32
- Using Invitational Theory to Understand the Effectiveness of Artistic Pedagogical Technologies in Creating an Invitational Classroom in the Online Educational Milieu ...................................................................................................................... 33
Results 1997-2010 ............................................................................................................................................. 33
- Towards the development of generic and differentiated models of educational effectiveness: a study on school and teacher effectiveness in physical education .............................................................................................. 33
- The Birth to School Study: evidence on the effectiveness of PEEP, an early intervention for children at risk of educational under-achievement ........................................................................................................... 34
- Educational psychology and the effectiveness of inclusive education/mainstreaming ......................................................... 34
- Professional capacity and organizational change as measures of educational effectiveness: assessing the impact of postgraduate education in Development Policy and Management .................................................................................. 35
- The impact of multifaceted educational structuring on learning effectiveness in a surgical clerkship ............................... 35
- A Cost-Effectiveness Model for the Assessment of Educational Productivity ........................................................................... 36
- Educational foundations for environmental effectiveness ........................................................................................................... 36
A. Competence based education TITLE or competence based training TITLE and effective TEXT (~ABSTRACT) Results 2011-15

- 1. DEVELOPMENT AND EVALUATION OF A COMPETENCE-BASED TEACHING PROCESS FOR SCIENCE AND TECHNOLOGY EDUCATION. Academic Journal
   By: Pešaković, Dragica; Flogie, Andrej; Aberšek, Boris. Journal of Baltic Science Education. 2014, Vol. 13 Issue 5, p740-755. 16p. Abstract: The quality of education is increasingly being measured less by the knowledge gained during schooling and more by the level of competence possessed by students at doing a particular job after completing their education. Target and process-planned curricula are being replaced more and more by competence oriented curricula, especially in science and technology education where competences, generally defined as the capability or the ability of an individual doing a job properly, are placed at the forefront. If competence is the desired criterion for educational quality, it can be easily established that suitable instruments and methods of measurement are needed for this kind of quality evaluation, which, however, are not yet available. Suitable instrumentation was developed in this study. Its use was demonstrated in the example of elementary education in Slovenia. [ABSTRACT FROM AUTHOR] (AN: 99534849)
   Subjects: SCIENCE -- Study & teaching; TECHNOLOGY -- Study & teaching; EDUCATIONAL evaluation; CURRICULUM planning; EDUCATIONAL quality; EDUCATION; ELEMENTARY education; SLOVENIA
   PDF Full Text (1.9MB)

   By: Khaled, Anne E.; Gulikers, Judith T. M.; Tobi, Hilde; Biemans, Harm J.A.; Oonk, Carla; Mulder, Martin. Journal of Psychoeducational Assessment. Aug2014, Vol. 32 Issue 5, p429-440. 12p. Abstract: Research on the effectiveness of competence-based education (CB-education) across educational contexts and levels requires a new evaluation measurement. This study explores the face validity, construct validity, and robustness of a competency self-report instrument that is aligned with contemporary competence theory and with current educational practice based on CB-qualification frameworks. A pilot study showed face validity of the competency constructs and indicators according to students from various levels in tertiary education. The results of the principal components analyses and parallel analyses, using data from 351 secondary vocational education and academic students, show more construct validity and robustness for competency constructs that are concrete and easy to relate to specific situations (e.g., "applying expertise") compared with the abstract competencies (e.g., "deciding and initiating"). This article sets out implications for designing and administrating uniform competency self-reports across educational levels and discusses suggestions for subsequent research. [ABSTRACT FROM PUBLISHER] DOI: 10.1177/0734282914523913. (AN: 96709586)
   Subjects: OUTCOME-based education; FACTOR analysis; SELF-evaluation; VOCATIONAL education; NATIONAL competency-based educational tests; NETHERLANDS; CHI-squared test; CONCEPTUAL structures (Information theory); MULTITRAIT multimethod techniques; DESCRIPTIVE statistics

   By: van Dinther, Mart; Dochy, Filip; Segers, Mien; Braeken, Johan. Educational Studies (03055698). Jul2014, Vol. 40 Issue 3, p330-351. 22p. Abstract: The purpose of this study was to provide insight into the interplay between student perceptions of competence-based assessment and student self-efficacy, and how this influences student learning outcomes. Results reveal that student perceptions of the form authenticity aspect and the quality feedback aspect of assessment do predict student self-efficacy, confirming the role of mastery experiences and social persuasions in enhancing student self-efficacy as stated by social cognitive theory. Findings do not confirm mastery experiences as being a stronger source of self-efficacy information than social persuasions. Study results confirm the predictive role of students’ self-efficacy on their competence learning. Mediation analysis results indicate that student’s perceptions of assessment have an indirect effect on student’s competence evaluation outcome through student’s self-efficacy. Study findings highlight which assessment characteristics, positively influencing students’ learning, contribute to the effectiveness of competence-based education. Limitations of the study and directions for future research are indicated. [ABSTRACT FROM PUBLISHER] DOI: 10.1080/03055698.2014.898577. (AN: 96067837)
   Subjects: SELF-efficacy in students; RESEARCH; STUDENTS -- Attitudes; OUTCOME-based education; EVALUATION; LEARNING; SOCIAL cognitive theory
   Cited References: (55)
4.

**Competence and competency-based nursing education: Finding our way through the issues.**

By: Pijl-Zieber, Em M.; Barton, Sylvia; Konkin, Jill; Awosoga, Olu; Caine, Vera. Nurse Education Today. May 2014, Vol. 34 Issue 5, p676-678. 3p. Abstract: The language of competence is widely utilized in both the regulation of nursing practice and curricular design in nursing education. The notion of competence defines what it means to be a professional, although it is not the only way of describing nursing practice. Unfortunately, there is much confusion about the concepts of competence, competency, and competency-based education. As well, the notion of competence, despite its global popularity, has flaws. In this paper we will disentangle these terms and critique the use of competence frameworks in nursing education. [Copyright &© Elsevier] DOI: 10.1016/j.nedt.2013.09.007. (AN: 95316817)

Subjects: OUTCOME-based education; CURRICULA (Courses of study); NURSING -- Study & teaching; JOB performance

6.

**EDUCACIÓN BASADA EN COMPETENCIAS: HACIA UNA PEDAGOGÍA SIN DICOTOMÍAS. (Portuguese)**

COMPETENCY-BASED EDUCATION: FOR A PEDAGOGY WITHOUT DICOTOMIES. (English) / L’ENSEIGNEMENT FONDE SUR LES COMPETENCES POUR UNE PEDAGOGIE SANS DICOTOMIES. (French). By: ALARCÓN LEIVA, JORGE; HILL, BRIANNA; Frites, Claudio. Educacao & Sociedade. abr.-jun. 2014, Vol. 35 Issue 127, p569-586. 18p. Language: Portuguese. Abstract (English): This paper proposes an examination of the conception of "competence" from a perspective that could be considered a justification for competency-based education. This work will address three main topics. First, it offers a description of linguistic competence as an explanatory paradigm of the notion of competence. Second, three different approaches towards competency-based education are examined, starting with a comparison with objective-based pedagogy, then from a historical perspective and finally from a conceptual approach, taking into account the need for a "Pedagogy without dichotomies." Finally, several views about competence in education will be examined in order to highlight the conception as "understanding the situation", in an attempt to discuss their senses and scope, based on the conceptual framework derived from the examination of linguistic competence. [ABSTRACT FROM AUTHOR] (AN: 97470689)

Subjects: COMPETENCY-based teacher education; RESEARCH; OUTCOME-based education; EDUCATION -- Research; CURRICULUM research; LINGUISTICS

6.

**A Competence-based Approach in Portuguese Early Childhood Education.**

By: DIAS, ISABEL SIMÕES; KOWALSKI, ISABEL. New Zealand Journal of Teachers' Work. 2014, Vol. 11 Issue 1, p49-61. 13p. Abstract: This paper reports on a Portuguese study in a teacher education context (Polytechnic Institute of Leiria) which, in Portugal, takes place in universities and educational institutes. It aims to reflect on a competence approach in the context of early childhood education. Starting from a concept of competence that considers the subject, action and context, students in the teacher education course (the Degree in Early Childhood Education) made lesson plans (termed Pedagogic Practice Unit) during the academic year of 2008/2009 in accordance with the Portuguese national guidelines (PT, 1997). These curriculum guidelines do not identify the competences that children should develop. However, the competences identified by students in their lesson plans concerning the curricular areas (area of personal and social education, area of world knowledge, area of expression and communication) were grouped and analysed in relationship to the concept of competences previously assumed. From the data collected, we could infer that it is possible to identify competences to be developed by children in a kindergarten context and that this identification can be made by the teacher according to the group of children with whom they are working. This research enhances the value of a competence-based approach. [ABSTRACT FROM AUTHOR] (AN: 98693176)

Subjects: EARLY childhood education; TEACHER education; KINDERGARTEN teachers -- Education; CURRICULUM (Courses of study); LEIRIA (Portugal)

PDF Full Text (1.5MB)
The relationship between perceived competence and earned credits in competence-based higher education. Academic Journal
By: Kamphorst, J.C.; Hofman, W.H.A.; Jansen, E.P.W.A.; Terlouw, C. Assessment & Evaluation in Higher Education. Sep2013, Vol. 38 Issue 6, p646-661. 16p. 3 Diagrams, 5 Charts. Abstract: We explored how two types of study outcomes, perceived competence and earned credits, are interrelated, and influenced by self-regulation, motivation (intrinsic value and expectancy of procrastination) and deep approach to learning. The relationships between these variables were analysed in a sample of 894 first-year Dutch university students, using linear structural modelling. Results show that learning process factors play other roles in explaining perceived competence than in explaining earned credits. Perceived competence and earned credits, as two sides of the same coin in competence-based education, are only weakly related. Furthermore, this study shows that it is most likely that perceived competence affects earned credits, but a model in which earned credits affects perceived competence as possible causal relationship was also accepted, although the relationship remains weak. The practical implication of this study is that, as long as perceived competence and the number of credits are not related, competence-based higher education will not obtain optimal performance. For participants and researchers in higher education, it remains important to be aware that different learning goals may evoke different study behaviours in students, and the challenge for higher education is to align these goals. [ABSTRACT FROM PUBLISHER] DOI: 10.1080/02602938.2012.680015. (AN: 88260754) Subjects: OUTCOME assessment (Education); MOTIVATION in education; STUDENTS -- Psychology; HIGHER education; NETHERLANDS
Cited References: (40)

The construct validity and predictive validity of a self-efficacy measure for student teachers in competence-based education. Academic Journal
By: van Dinther, Mart; Dochy, Filip; Segers, Mien; Braeken, Johan. Studies in Educational Evaluation. Sep2013, Vol. 39 Issue 3, p169-179. 11p. Abstract: This study intends to investigate the validity of a self-efficacy measure which is developed for predictive and diagnostic purposes concerning student teachers in competence-based education. CFA results delivered converging evidence for the multidimensionality of the student teacher self-efficacy construct and the bifactor model as underlying structure, reflecting a teacher competence framework. Factor loadings of the bifactor model evidenced the theoretical assumption that incipient student teachers enter the programme with a global undifferentiated sense of teacher self-efficacy, having teaching experiences a further differentiation takes place to a partly differentiated sense of teacher self-efficacy. Logistic regression analysis revealed that the measure succeeds in predicting students' first-year outcomes and delivered evidence for the diagnostic value of the scale. [Copyright &y& Elsevier] DOI: 10.1016/j.stueduc.2013.05.001. (AN: 89884465) Subjects: TEST validity; PREDICTIVE validity; STUDENT teachers; EDUCATION; PERFORMANCE; SELF-efficacy; LOGISTIC regression analysis
Times Cited in this Database: (1)

iDiversity and LIS Education: Student-Based Groups Promoting Cultural Competence as a Vision for the Profession.
Academic Journal
By: Oxley, Rebecca. Library Quarterly. Jul2013, Vol. 83 Issue 3, p236-242. 7p. Abstract: New homegrown groups such as iDiversity call attention to the important and essential role that student-based groups play in promoting cultural competency within their own institutions and the profession at large. The iDiversity story outlines 3P how student engagement can be transformed into leadership and action by diversity focus within the curriculum, faculty guidance, and support from the information community, 2P how student organizations can inform library and information science practice in and contribute to the cultural readiness of emerging professionals, and 3P how concentrated social approaches to subsequent gathering and sharing of information can in turn transform the information community toward a vision of diversity, inclusion, and accessibility. These initiatives are presented as an informal model outlining key steps and identifying critical factors for success. Potential for replication or propagation as well as other implications for the future are discussed. [ABSTRACT FROM AUTHOR] (AN: 88128484) Subjects: STUDENT organizations & activities -- Universities & colleges; LIBRARY education; DIVERSITY in education; LIBRARY science; UNIVERSITY of Maryland at College Park. College of Library & Information Services; CULTURAL competence; INFORMATION science; INFORMATION sharing
By: Cassidy, Simon. Nursing Standard. 11/7/2012, Vol. 27 Issue 10, p42-47. 6p. Abstract: A new era of nursing education has begun in Wales during 2012 based on new standards for pre-registration nursing education published by the Nursing and Midwifery Council (NMC). While the article focuses on pre-registration learning disability nursing education, the NMC standards can also be used for adult, mental health and children’s nursing education. Partnership working across Wales has resulted in the development of nationally agreed common elements relating to students’ ongoing record of achievement of practice competence, student selection and recruitment principles, a generic educational audit format and student evaluation. Details of the NMC standards are provided, with particular examples of their implementation in learning disability nursing education across Wales. [ABSTRACT FROM AUTHOR] DOI: 10.1007/s10459-012-9247-0
Subjects: NURSING -- Study & teaching; HISTORY; OUTCOME-based education; DEVELOPMENTAL disabilities; NURSING students; STUDENTS -- Rating of; WALES


Academic Journal
Subjects: OUTCOME-based education; EDUCATIONAL outcome; EDUCATIONAL accountability; TRAINING; EDUCATION -- Philosophy

Competence-based Education and Training.

Academic Journal
By: Mulder, Martin. Journal of Agricultural Education & Extension. Jun2012, Vol. 18 Issue 3, p305-314. 10p. 2 Charts. Abstract: The article presents some practical guidelines on developing comprehensive competence-based education and training. It offers the components of competence-based curricula and courses: the definition of outcome, selection and organization of learning content, the organization of teaching and learning and the testing of educational achievement. It also discusses the criticism received by the concept, including its over-emphasis on self-regulation, problem solving and portfolio development. DOI: 10.1080/1389224X.2012.670048. (AN: 74979179)
Subjects: COURSE organization (Education); CURRICULA (Courses of study); INSTRUCTIONAL systems; TEACHING; LEARNING; PROBLEM solving; SELF regulation

A critical time for medical education: the perils of competence-based reform of the curriculum. Academic Journal
By: Malone, Karen; Supri, Sallinder. Advances in Health Sciences Education. May2012, Vol. 17 Issue 2, p241-246. 6p. Abstract: Rapid expansion in scientific knowledge, changes in medical practice, and greater demands from patients and society necessitate reform of the medical curriculum. In recognition of this, medical educators across the world have recommended the adoption of competence-based education. This is intended to increase the rigour and relevance of the curriculum, move students beyond a focus on the memorisation and regurgitation of scientific facts, and better enable them to understand scientific principles and apply them to the practice of medicine. Experience from 40 years’ use of competence-based curricula across the world suggests that the uncritical application of this approach to the medical curriculum may not achieve its intended aims. There are valuable lessons to be learnt from the history of competence-based education. By taking on board these lessons, confronting the pitfalls of this approach, and devising new and creative solutions to the problems inherent in this methodology, medical educators can better achieve their aim of providing a strong foundation for the practice of medicine in the twenty-first century. It is only through such a strategy—rather than the uncritical adoption of this educational approach—that we will have real movement and progress both in competence-based education in general, and in its applications to medicine in particular. [ABSTRACT FROM AUTHOR] DOI: 10.1007/s10459-010-9247-2. (AN: 73982365)
Subjects: MEDICAL education; CURRICULUM change; SCOTLAND; CANADA; UNITED States; GREAT Britain
Cited References: (26) Times Cited in this Database: (6)
14. Competence-based teacher education: A change from Didaktik to Curriculum culture?

By: Pantić, Nataša; Wubbels, Theo. Journal of Curriculum Studies. Feb 2012, Vol. 44 Issue 1, p61-87. 27p. 1 Chart. Abstract: This paper explores the substance of competence-driven changes in teacher education curricula by testing the possibility of using a framework distinguishing between the German pedagogical culture of Didaktik and the Anglo-Saxon Curriculum culture to describe the substance of these changes. Data about the perceptions of competence-driven changes in teacher education curricula has been collected in 30 in-depth interviews with teacher educators, student teachers, and their school mentors in Serbia, and analysed with the help of qualitative data processing software. The coding procedures involved classification of utterances into five groups relating to the perceptions of (1) teacher evaluation, (2) teacher competence in subject matter, pedagogy, and curriculum, (3) understanding of the education system and contribution to its development, (4) teacher competences in dealing with values and child-rearing, and (5) changes in teacher education curricula related to these groups of competence. The perceptions in each group of utterances were interpreted in terms of their alliance with Didaktik or Curriculum cultures. The findings indicate that the framework cannot be used as a continuum since the utterances aligned with the two cultures co-exist in the individual responses, but could be useful as a reflection tool in teacher education curricula. [ABSTRACT FROM PUBLISHER] DOI: 10.1080/00220272.2011.620633. (AN: 71679420)

Subjects: TEACHER education; CURRICULA (Courses of study); TEACHER evaluation; CULTURE; EDUCATION

Cited References: (56)

PDF Full Text (154KB)

15. ADAPTATION ANALYSIS OF SOME ALTERNATIVE COMPETENCE-BASED EDUCATION PROGRAMS' IN A HUNGARIAN PUBLIC SCHOOL.

By: Hanák, Zsuzsanna; Dorner, László. Problems of Education in the 21st Century. 2012, Vol. 39, p52-61. 10p. 2 Charts, 1 Graph. Abstract: Some international researches has proven that Hungarian students are below the desired level regarding the application of acquired knowledge in many areas. In recent years competence based education includes knowledge, attitudes and abilities, gained ground in Hungarian schools. Our research aims to analyze the sustainability of some competence based, alternative education programs in Hungarian public education. Additional objectives include: revealing the opinion, examining the impact, exploring Additional objectives include: revealing the opinion, examining the impact, exploring the related experience of students, parents, and teachers towards the following competence-based education programs „Student Cognition” „Lesson Differentiation ” „Project Based Education” „Student Cognition” „Lesson Differentiation ” „Project Based Education” „Student Cognition” „Lesson Differentiation ” „Project Based Education” „Epochal ”, Cooperative ” and „ICT tools ”. Questionnaire was used as a research method, applying SPSS to evaluate our data. The survey was carried out in a public school which takes part in the dissemination of competence based trainings. Sample consists of 158 participants. Results: applying these practices students and teachers are more effective to discuss their problems, the quality of education improves. Meet the students’ age characteristics, establish better measurement and evaluation system, clearer rules. Adapt to the students' abilities/skills increasing their self-sufficiency and performance orientation. Consequently, the new practices can be appropriate to meet the challenges of public education in the 21st century. [ABSTRACT FROM AUTHOR] (AN: 74294227)

Subjects: STUDENTS; SCHOOLS; EDUCATION; PUBLIC schools; HUNGARY; HUNGARIAN students

PDF Full Text (611KB)


Academic Journal
Subjects: is a lack of synchronization between limited practical experience and cla
groups, the study reports that trainees in smaller firms lack opportunities to obtain sufficient audit experience, and there
opportunities for them. The contribution of the paper is to explain the perceived relevance and importance of
significant pedagogic implications on
advantage of an audit exemption, and most of these are clients of small audit firms. This legislative change has had
in the audit envi
motivation the fall in the number of accountants registering as qualified auditors in the UK following fundamental changes
By: Marriott, Neil; Telford, Brian; Davies, Marlene; Evans, Jon. Accounting
of Auditors and the Impact of Regulatory Changes on Audit
Students' Perceptions of Work

Cited References: (51)
PDF Full Text (525KB)

17. OBRAZOVANJE NASTAVNIKA I UČITELJA U EUROPSKU KONCEPTU KVALITETE OBRAZOVANJA ZASNOVANOM NA
KOMPETENCIJAMA. (Croatian)

LEHRERBILDUNG IM EUROPÄISCHEN KONZEPTE DER AUF KOMPETENZEN BASIERENDEN BILDUNGSQUALITÄT. (German) / TEACHERS' EDUCATION IN THE EUROPEAN CONCEPT OF EDUCATION QUALITY BASED ON COMPETENCES. (English). By: Sučević, Vlasta; Cvjetićanin, Stanko; Sakač, Marija. Zivot i škola. 2011, Issue 25, p11-23. 13p. Language: Croatian. Abstract: (English) Professional competence of teachers is very important for every country, since it is through the work of these teachers, based on basic knowledge, habits and skills of children. Kompetencione development activity occurs as a result of the study, planned the curriculum established at universities. Colleges and later organized his work, may affect the acquisition of competencies, which are adjusted to reflect the characteristics of educational level. The teacher, as well as supporting the profession of education, are required to be open to changes in the paradigms of education, goals, forms, contents and methods of teaching and learning scientific knowledge. Professionalism as the new competencies of teachers placed before them a whole new concept of tasks aimed at the lifelong education of teachers, and students. Approach to teacher education based on the concept of lifelong learning as it relates to the professional competence of teachers and teacher education in the spirit of the European concept of education. [ABSTRACT FROM AUTHOR] (AN: 64445346)
Subjects: TEACHER education; CONTINUING education; OCCUPATIONAL training; PROFESSIONAL education; EXTENDED teacher education programs; UNIVERSITIES & colleges; EUROPE

PDF Full Text (78KB)

18. Students' Perceptions of Work-Based Training and Examination-Based Learning Relating to the Professional Competence of Auditors and the Impact of Regulatory Changes on Audit Training in the UK. Academic Journal
By: Marriott, Neil; Telford, Brian; Davies, Marlene; Evans, Jon. Accounting. Apr2011, Vol. 20 Issue 2, p133-151. 19p. 1 Diagram, 5 Charts. Abstract: The purpose of this paper is to investigate students' perceptions of work-based training and examination-based learning as it relates to the professional competence of auditors. The paper takes as its motivation the fall in the number of accountants registering as qualified auditors in the UK following fundamental changes in the audit environment. Legislation aimed at reducing red tape has resulted in a large number of UK companies taking advantage of an audit exemption, and most of these are clients of small audit firms. This legislative change has had significant pedagogic implications on the experiential learning of audit trainees and the availability of training opportunities for them. The contribution of the paper is to explain the perceived relevance and importance of training opportunities to trainees seeking to obtain audit qualifications. Using data from an on-line questionnaire and focus groups, the study reports that trainees in smaller firms lack opportunities to obtain sufficient audit experience, and there is a lack of synchronization between limited practical experience and classroom tuition provided before taking auditing examinations. The implications are that effective audit training will become restricted to large audit firms the trainees in which often choose different career paths to auditing, thereby limiting the number of qualified auditors in the UK in the future. [ABSTRACT FROM AUTHOR] (AN: 61275093)
Subjects: MOTIVATION (Psychology); EXPERIENTIAL learning; ENGLAND; AUDITORS -- Training of; ACCOUNTANTS; ACCOUNTING firms
Marketing to increase participation in a Web-based continuing medical education cultural competence curriculum.

By: Estrada, Carlos A.; Krishnamoorthy, Periyakaruppan; Smith, Ann; Korf, Michele J.; Staton, Lisa; Allison, Jeroan J.; Houston, Thomas K. Journal of Continuing Education in the Health Professions. Winter 2011, Vol. 31 Issue 1, p21-27. 7p. 1 Diagram, 2 Charts, 1 Graph. Abstract: Introduction: CME providers may be interested in identifying effective marketing strategies to direct users to specific content. Online advertisements for recruiting participants into activities such as clinical trials, public health programs, and continuing medical education (CME) have been effective in some but not all studies. The purpose of this study was to compare the impact of 2 marketing strategies in the context of an online CME cultural competence curriculum (www.c-comp.org). Methods: In an interrupted time-series quasi-experimental design, 2 marketing strategies were tested: (1) wide dissemination to relevant organizations over a period of approximately 4 months, and (2) Internet paid search using Google Ads (5 consecutive 8-week periods—control 1, cultural/CME advertisement, control 2, hypertension/content advertisement, control 3). Outcome measures were CME credit requests, web traffic (visits per day, page views, pages viewed per visit), and cost. Results: Overall, the site was visited 19,156 times and 78,160 pages were viewed. During the wide dissemination phase, the proportion of visits requesting CME credit decreased between the first (5.3%) and second (3.3%) halves of this phase (p = .04). During the Internet paid search phase, the proportion of visits requesting CME credit was highest during the cultural/CME advertisement period (control 1, 1.4%; cultural/CME ad, 4.3%; control 2, 1.5%; hypertension/content ad, 0.6%; control 3, 0.8%; p < .001). All measures of web traffic changed during the Internet paid search phase (p < .01); however, changes were independent of the advertisement periods. The incremental cost for the cultural advertisement per CME credit requested was US $0.64. Discussion: Internet advertisement focusing on cultural competence and CME was associated with about a threefold increase in requests for CME credit at an incremental cost of under US $1; however, web traffic changes were independent of the advertisement strategy. [ABSTRACT FROM AUTHOR] DOI: 10.1002/chp.20097. (AN: 59445614)

Subjects: ALTERNATIVE education; COMPUTER software; EDUCATION -- Simulation methods; RESEARCH -- Methodology; RESEARCH; WORLD Wide Web; MEDICINE -- Study & teaching (Continuing education); DATA analysis; ADVERTISING ANALYSIS of variance; CHI-squared test; MARKETING; FINANCE; STATISTICS; TIME series analysis; SEARCH engines; PILOT projects; CULTURAL competence.
that are important for competence-based education. This paper presents a study designed to determine the extent to which the model for competence-based education can be understood and perceived as useful by teachers in vocational education and training in the Netherlands. The study included 12 teams of teachers in the process of designing or redesigning their study programmes to be more competence-based. Teachers reported that the instrument helped them understand the state of affairs of their study programmes, and empowered them to make decisions about the extent to which they want to make these programmes more competence-based. [ABSTRACT FROM AUTHOR] DOI: 10.1080/00220271003759249. (AN: 55725611)

Subjects: CURRICULA (Courses of study) -- Aims & objectives; VOCATIONAL education; TEACHING methods; TEACHING aids & devices; DECISION making; NETHERLANDS; DUTCH

Cited References: (29) Times Cited in this Database: (6)

PDF Full Text (75KB)


Academic Journal

By: Tchibozo, Guy. Education, Knowledge & Economy. Nov2010, Vol. 4 Issue 3, p131-133. 3p. Abstract: The article discusses various reports published within the issue, including one by Jean-Nil Boucher which proposes a method to remove prejudices, another by Anna Brunken and Pamela Delly on cultural and social diversity as a source of inequity and another by Nalize Marais which highlights how the connective dimension of e-learning technologies has led to changes in teaching practices at the University of the Free State in South Africa. DOI: 10.1080/17496896.2010.556464. (AN: 62609953)

Subjects: CULTURAL pluralism; MOBILE communication systems in education; PREJUDICES

22. Emergence and outlook of competence-based education in European education systems: an overview.

Academic Journal

By: Tchibozo, Guy. Education, Knowledge & Economy. Nov2010, Vol. 4 Issue 3, p193-205. 13p. 1 Diagram, 4 Charts. Abstract: This contribution takes stock on the emergence of competence-based education in European Union (EU) countries. The article explains how economic constraints but also educational motives led educational systems in the EU to shift to competence-based education. The related instructional frame and concepts are presented, as are the major EU-level initiatives. This article also highlights ways to be explored for further progress, especially in the fields of peer assessment, co-teaching and reflexive practice. [ABSTRACT FROM AUTHOR] DOI: 10.1080/17496896.2010.556487. (AN: 62609950)

Subjects: OUTCOME-based education; EDUCATION & state; PEER review (Professional performance); EDUCATION; EUROPEAN Union countries

Cited References: (38)


Academic Journal

By: Struyven, Katrien; De Meyst, Marijke. Teaching & Teacher Education. Nov2010, Vol. 26 Issue 8, p1495-1510. 16p. Abstract: Since 1998, the Flanders' educational government in Belgium has been urging teacher education institutions by decree to implement competences in teacher training programs. Since then, years have gone by, and institutions have acted in order to achieve the competence-based goals. However, have they succeeded in implementing them? This is the
research question that is central to the current study. An online survey inquiry was set up in eight elementary teacher education institutions using two questionnaires; one for final year elementary institution pre-service teachers, who were about to graduate at the time of completing the questionnaire (N = 218), the other for teacher trainers throughout the elementary teacher training program (N = 51). Ten years after the decree was issued, results show that competence-based education has become a reality in terms of its implementation. However, the process has not yet come to an end. Whereas some competences are clearly present in the institutions’ pedagogies and practices (e.g. teacher as guide to learning and development, teacher as subject expert), others are poorly represented (e.g. teacher as partner of parents, external parties and as a member of the educational community). Moreover, teacher trainers tend to take four different approaches to the implementation of competences (1) during internship, (2) through the institution’sacy and program planning, (3) by means of their integration in both theoretical and practical components of the curriculum and finally, (4) lack of implementation because the competences are considered insufficiently applicable by the teacher trainers. In particular, more experienced and subject expert teacher trainers tend to adopt the final approach more often than do younger colleagues and pedagogues. Student teachers’ results, on the other hand, suggest important differences between institutions concerning their understanding of competences and the integration of these competences in the curriculum; suggesting different paces of adaptation between teacher education institutions. Moreover, even within schools, the trajectory towards implementation is not always clear for all members of the teaching team, nor for the students of most teacher education institutions. Consequently, there is still important work to be done in order for successful competence-based change to occur. (Copyright & Elsevier) DOI: 10.1016/j.tate.2010.05.006. (AN: 53574334)

Subjects: TEACHER education; ELEMENTARY school teachers; COMPETENCY-based teacher education; TEACHER educators; TEACHERS -- Training of; FLANDERS, BELGIUM; TRAINING of

Cited References: (70) Times Cited in this Database: (4)

24.

Students’ personal professional theories in competence-based vocational education: the construction of personal knowledge through internalisation and socialisation.

Academic Journal

By: Schaap, H.; de Bruijn, E.; Van der Schaaf, M. F.; Kirschner, P. A. Journal of Vocational Education & Training. Dec2009, Vol. 61 Issue 4, p481-494. 14p. Abstract: Competence-based vocational education is based on a constructivist learning paradigm, where the development of students’ personal professional knowledge is emphasised. However, there is a lack of insight into how students construct their own professional knowledge and what the content and nature of personal professional knowledge is. This article elaborates the concept Personal Professional Theory (PPT): a personal knowledge base in which professional knowledge and beliefs are internalised. PPTs are built upon a combination of declarative and procedural knowledge and are stored in the long-term memory. Furthermore, knowledge in PPTs refers to compiled knowledge which can be specified and applied to different professional situations. These PPTs develop through an interrelated process of internalisation and socialisation, in which students grow into the existing body of shared knowledge and collective norms, values and beliefs of professionals of an occupational domain. It is concluded that the elaboration of PPTs can be used to stimulate and monitor personal professional knowledge development in vocational education, but further research into the content and nature of PPTs is required. [ABSTRACT FROM AUTHOR] DOI: 10.1080/13636820903230999. (AN: 49235043)

Subjects: VOCATIONAL education; OCCUPATIONAL training; CORE competencies; LIFE skills; LEARNING; STUDENTS; RESEARCH; SOCIALIZATION; PROFESSIONAL employees

Cited References: (70) Times Cited in this Database: (3)

25.

Does an outcome-based approach to continuing medical education improve physicians’ competences in rational prescribing? Academic Journal

By: Esmaily, Hamideh M.; Savage, Carl; Vahidi, Rezagoli; Amini, Abolghasem; Dastgiri, Saeed; Hult, Hakan; Dahlgren, Lars Owe; Wahlstrom, Rolf. Medical Teacher. Nov2009, Vol. 31 Issue 11, p500-e506. 7p. 1 Diagram, 4 Charts. Abstract: Background: Continuing medical education (CME) is compulsory in Iran, and traditionally it is lecture-based, which is mostly not successful. Outcome-based education has been proposed for CME programs. Aim: To evaluate the effectiveness of an outcome-based educational intervention with a new approach based on outcomes, and aligned teaching methods, on knowledge and skills of general physicians (GPs) working in primary care compared with a concurrent CME program in the field of “Rational prescribing”. Method: The method used was cluster randomized controlled design. All GPs working in six cities in one province in Iran were invited to participate. The cities were matched and randomly divided into an intervention arm for education on rational prescribing with an outcome-based approach, and a control arm for a traditional program on the same topic. Knowledge and skills were assessed using a pre- and posttest, including case scenarios. Results: In total, 112 GPs participated. There were significant improvements in knowledge and prescribing skills after the training in the intervention arm as well as in comparison with the changes in the control arm. The overall intervention effect was 26 percentage units. Conclusion: The introduction of an outcome-based approach in CME appears to be effective when creating programs to improve GPs’ knowledge and skills. [ABSTRACT FROM AUTHOR] DOI: 10.3109/014215909028030906. (AN: 45131652)
26. **Competence-based Approaches to the Assessment of Professional Accountancy Training Work Experience Requirements: The ICAS Experience.**

**Abstract:** Most professional accountancy bodies’ qualification processes encompass three components: a prescribed programme of professional **education**, some form of work experience, and a formal final examination to determine professional **competence**. The International Federation of Accountants (IFAC) suggests that purely theoretical and **knowledge-based education** does not meet the needs of all employers. Thus professional bodies are encouraged to find ways to deliver and assess relevant **competences** in the most appropriate manner. Despite educationalists suggesting that performance measurements based on direct observation within the work place are more effective at measuring **competences** than traditional paper-based examinations, assessment strategies within the accountancy domain remain conservative. The Institute of Chartered Accountants of Scotland (ICAS) was one of the first professional bodies to introduce a competency-based approach to work-based assessment in 1999 and subsequently undertook a review of the process in 2004. The data collected for the review was undertaken by way of a questionnaire to authorized training offices, in-depth interviews with employers, and discussions which emanated from a Working Party which included internal ICAS employees, an academic and a representative from a large accountancy firm. This paper presents the findings of the review, discusses the pertinent issues in relation to work-based assessment and outlines the changes that were made to the competency-based approach adopted by ICAS. It concludes with recommendations for future practice.

[ABSTRACT FROM AUTHOR] DOI: 10.1080/09639280902719465. (AN: 52038240)

**Subjects:** OUTCOME-based education; CONTINUING education; INTERNATIONAL Federation of Accountants; INSTITUTE of Chartered Accountants of Scotland; ACCOUNTANTS -- Training of; KNOWLEDGE-based theory of the firm; QUESTIONNAIRES

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27. **Teachers’ individual action theories about competence-based education: the value of the cognitive apprenticeship model.**

**Abstract:** Dutch prevocational secondary schools are reforming their educational programmes to make them more competence-based. This reform has substantial implications for the roles played by teachers. Yet, little empirical research has been conducted on teachers’ processes of competence development in vocational settings. This study explores teachers’ individual action theories regarding the introduction of competence-based prevocational secondary education. The cognitive apprenticeship model provides a conceptual framework for addressing this issue. The research questions addressed here are: How do teachers value elements of the cognitive apprenticeship model in designing and delivering competence-based prevocational secondary education?, and, What individual action theories do teachers have regarding competence-based prevocational secondary education? The study was designed in two phases. In the qualitative phase, interviews and concept map techniques were used, while the quantitative phase employed a questionnaire. Teachers valued elements of the cognitive apprenticeship model differently, and suggested two additional
features: a custom-made educational approach and the professionalisation of teachers. [ABSTRACT FROM AUTHOR] DOI: 10.1080/13636820902904586. (AN: 39768727)

Subjects: VOCATIONAL education; SECONDARY education; EDUCATIONAL programs; TEACHERS -- Social conditions; COGNITIVE apprenticeship; SOCIAL aspects; SOCIAL skills; PROFESSIONALISM; EMPIRICAL research

Cited References: (21) Times Cited in this Database: (3)

28. TRANSFORMATION OF UNIVERSITY: TOWARDS PRAGMATISM AND COMPETENCE BASED EDUCATION. Academic Journal UNIVERSITETŲ KAITA: PRAGMATIZMO IR KOMPETENCIJŲ UGDYMO LINK. By: Bulajeva, Tatjana; Duoblienė, Lilija; Targamadzė, Vilija. Pedagogy Studies / Pedagogika. 2009, Issue 93, p9-16. 8p. 1 Chart. Abstract (English): This paper analyzes the idea of higher education, its transformation into an ICT-influenced, competence-based pragmatic university idea. For the analysis of developed competences in the contemporary university the groups of Informatics and Mathematics students are chosen. These academic groups are presumably most prepared for the university change and should promote further development and implementation of information technologies. The theoretical analysis of university models, the pragmatic idea of the contemporary higher education are based on the philosophy of postmodernism. The main factors influencing the contemporary higher education as well as the impact on ICT on the universities and the nature of work are also analyzed. The empirical study presents data and finding of the research about the competences to be developed in master study programs (physical sciences) and Vilnius University Informatics and Mathematics students opinion on university studies, the developed competences and changes in Lithuanian higher education. [ABSTRACT FROM AUTHOR] (AN: 40838729)

Subjects: EDUCATIONAL change; CORE competencies; HIGHER education; VILNIUS (Lithuania); LITHUANIA; PRAGMATISM; INFORMATION & communication technologies

29. Active interprofessional education in a patient based setting increases perceived collaborative and professional competence. Academic Journal By: Hallin, Karin; Kiessling, Anna; Waldner, Annika; Henriksson, Peter. Medical Teacher. Feb2009, Vol. 31 Issue 2, p151-157. 7p. 2 Charts, 3 Graphs. Abstract: Background: Interprofessional competence can be defined as knowledge and understanding of their own and the other team members’ professional roles, comprehension of communication and teamwork and collaboration in taking care of patients. Aim: To evaluate whether students perceived that they had achieved interprofessional competence after participating in clinical teamwork training. Method: Six hundred and sixteen students from four undergraduate educational programs—medicine, nursing, physiotherapy and occupational therapy—participated in an interprofessional course at a clinical education ward. The students filled out pre and post questionnaires (96% response rate). Results: All student groups increased their perceived interprofessional competence. Occupational therapy and medical students had the greatest achievements. All student groups perceived improved knowledge of the other three professions’ work (p = 0.000000) and assessed that the course had contributed to the understanding of the importance of communication and teamwork to patient care (effect size 1.0; p = 0.00002). The medical students had the greatest gain (p = 0.00093). All student groups perceived that the clarity of their own professional role had increased significantly (p = 0.00003). Occupational therapy students had the greatest gain (p = 0.000014). Conclusions: Active patient based learning by working together in a real ward context seemed to be an effective means to increase collaborative and professional competence. [ABSTRACT FROM AUTHOR] DOI: 10.1080/01421590802216258. (AN: 37208575)

Subjects: INTERPROFESSIONAL relations; MEDICAL students; EDUCATIONAL programs; OCCUPATIONAL therapy; PATIENTS; TEAMS in the workplace; HEALTH services administration

30.
**How to Investigate the Goal Orientations of Students in Competence-Based Pre-Vocational Secondary Education: Choosing the Right Instrument.**

By: Koopman, Maaike; Teune, Peter; Beijaard, Douwe. Evaluation & Research in Education. 2008, Vol. 21 Issue 4, p318-334. 17p. 9 Charts. Abstract: This study explores the psychometric properties of three instruments: a semistructured interview, a questionnaire and a sorting task. The central question is which instrument is most suitable to investigate the goal orientations of students in competence-based pre-vocational secondary education. The questionnaire proved most accurate. The interview provided relevant supplementary information on the goals of the students and underlying motives. The sorting task appeared to be less suitable. [ABSTRACT FROM AUTHOR] DOI: 10.1080/09500790802204604. (AN: 44639545)

Subjects: OUTCOME-based education; VOCATIONAL education -- Research; VOCATIONAL evaluation; TEACHING methods; LEARNING ability; STUDENTS -- Attitudes; ACADEMIC achievement; SECONDARY education; EDUCATION; NETHERLANDS

Cited References: (25) Times Cited in this Database: (1)

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**Integrating authentic assessment with competence-based learning in vocational education: the Protocol Portfolio Scoring.**

By: Sluijsmans, Dominique M. A.; Straetmans, Gerard J. J. M.; van Merriënboer, Jeroen J. G. Journal of Vocational Education & Training. Jun2008, Vol. 60 Issue 2, p159-172. 14p. 1 Diagram, 2 Charts. Abstract: This article describes how competence-based learning (CBL) can be organised in vocational education by integrating elements from a holistic instructional design model with recent ideas on assessment. A curriculum based on this model is pre-eminently suitable for an assessment approach emphasising that proof of competence is gathered by having learners perform authentic tasks under changing assessment conditions at regular intervals. The results are stored in a so-called electronic assessment portfolio. The portfolio is constructed according to the Protocol Portfolio Scoring (PPS). The value of PPS for flexible, demand-driven vocational education is discussed. [ABSTRACT FROM AUTHOR] DOI: 10.1080/13636820802042438. (AN: 31900065)

Subjects: VOCATIONAL education; HOLISTIC education; CURRICULA (Courses of study); EVALUATION; PORTFOLIOS in education; AUTHENTIC assessment; PERFORMANCE evaluation

Cited References: (47) Times Cited in this Database: (3)
33. **AUTONOMY, COMPETENCE, AND SOCIAL RELATEDNESS IN TASK INTEREST WITHIN PROJECT-BASED EDUCATION**

*Academic Journal*

By: Minnaert, Alexander; Boekaerts, Monique; De Brabander, Cornelis. Psychological Reports. Oct 2007, Vol. 101 Issue 2, p574-586. 13p. 1 Diagram, 2 Charts. Abstract: To prepare students for instructive collaboration, it is necessary to have insight into students' psychological needs and interest development. The framework of self-determination theory was used to conduct a field experiment involving 114 students in vocational education. These students followed a practical business course which required them to work in small learning groups. During the course, students were asked to complete the Quality of Working in Groups Instrument, an online measure of how strong autonomy, competence, social relatedness, and task interest are fulfilled. SEM showed that students' psychological needs were jointly and uniquely related to task interest over time. The significance of this online test for the assessment of interest within project-based education is discussed. [ABSTRACT FROM AUTHOR] DOI: 10.2466/PR.101.2574-586. (AN: 27783110)

Subjects: STUDENTS — Psychology; AUTONOMY (Psychology); JOB performance; PROJECT method in teaching; VOCATIONAL education; LEARNING goals; EDUCATIONAL evaluation; SOCIAL skills; QUALITY of work life

Cited References: (33) Times Cited in this Database: (13)

34. **Evaluating assessment quality in competence-based education: A qualitative comparison of two frameworks.** Academic Journal

By: Baartman, Liesbeth K.J.; Bastiaens, Theo J.; Kirschner, Paul A.; van der Vleuten, Cees P.M. Educational Research Review. Jul 2007, Vol. 2 Issue 2, p114-129. 16p. Abstract: Abstract: Because learning and instruction are increasingly competence-based, the call for assessment methods to adequately determine competence is growing. Using just one single assessment method is not sufficient to determine competence acquisition. This article argues for Competence Assessment Programmes (CAPs), consisting of a combination of different assessment methods, including both traditional and new forms of assessment. To develop and evaluate CAPs, criteria to determine their quality are needed. Just as CAPs are combinations of traditional and new forms of assessment, criteria used to evaluate CAP quality should be derived from both psychometrics and edumetrics. A framework of 10 quality criteria for CAPs is presented, which is then compared to Messick's framework of construct validity. Results show that the 10-criterion framework partly overlaps with Messick's, but adds some important new criteria, which get a more prominent place in quality control issues in competence-based education. [Copyright &y& Elsevier] DOI: 10.1016/j.edurev.2007.06.001. (AN: 27629019)

Subjects: PERFORMANCE; QUALITATIVE research; EDUCATION; QUALITY standards
Times Cited in this Database: (15)

35. **Commentary on "Community-Based Approaches to Strengthen Cultural Competence in Nursing Education and Practice."**

*Academic Journal*


Subjects: NURSING -- Study & teaching; CURRICULA (Courses of study); DENTAL students; OUTCOME-based education; CULTURE

36. **Competence-based Assessment in Professional Education Validation.**

*Academic Journal*
By: Thilakaratne, Ruffina; Kvan, Thomas. Quality in Higher Education. Nov2006, Vol. 12 Issue 3, p315-327. 13p. 3 Charts. Abstract: This paper investigates the appropriateness of competence-based assessment in professional education validation, considering architectural education in Asia as a case study. Competence-based assessment originated in teacher training and vocational training settings in the USA and the UK. Competence-based assessment has been increasingly adopted by many professional education validation systems, for example the Commonwealth Association of Architects (CAA), the Royal Institute of British Architects / Architects Registration Boards (RIBA / ARB). Despite its growing application and longstanding continuity in professional education, its appropriateness for this purpose has never been investigated. In conclusion, this study finds that the competence-based model followed by the CAA validation system has been narrowly defined and it requires modifications when it is adopted for professional education validations. Competence-based assessment in professional education settings should focus on learning and instruction not limited to occupational performance, and development of soft competencies along with performance in hard competencies. Assessment criteria should be based on appropriate benchmarking and not on minimum standards as currently practised. [ABSTRACT FROM AUTHOR] DOI: 10.1080/13538320601051093. (AN: 23309109)

Subjects: PERFORMANCE; CERTIFICATION; EVALUATION; EDUCATION; ARCHITECTURE -- Study & teaching; UNIVERSITIES & colleges; SCHOOLS; LEARNING; ASIA

Cited References: (37) Times Cited in this Database: (2)

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**Evaluation of the Competence Reform in Norway: Access to Higher Education Based on Non-formal Learning.** Periodical By: Opheim, Vibeke; Helland, Håvard. Higher Education Management & Policy. 2006, Vol. 18 Issue 2, p1-15. 15p. Abstract: From the start of the 2001-2002 academic year, people who had not completed secondary school were able to enter higher education based on documented non-formal learning, realkompetanse. Based on interviews with key personnel at selected universities and university colleges, and on quantitative data from the applicant register, this article presents results from an evaluation of this reform in Norwegian higher education. The evaluation indicates that the reform, by and large, works according to the lawmakers' intentions in providing a second chance for learners not usually linked with higher education. Still, findings suggest considerable variations in how the universities and university colleges have adjusted to the reform. Geographical location and supply of students are factors contributing to the institutions' attitude to the reform. University colleges in rural areas with a low number of applicants, in general, react more positively to the reform and it seems to be easier for applicants to be assessed as qualified for studies, in such institutions. [ABSTRACT FROM AUTHOR] (AN: 23004528)

Subjects: HIGHER education; UNIVERSITIES & colleges; STUDENTS; EDUCATION; NORWAY

PDF Full Text (208KB)

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**De competentiegerichte kwalificatiesstructuur in het MBO: gevolgen voor leren en opleiden.**

Review


Subjects: BOOKS -- Reviews; VOCATIONAL education; NONFICTION; COMPETENCE-Based Qualification Structure in Vocational Education: The Consequences for Education & Training (Book); De competentiegerichte kwalificatiesstructuur in het MBO: gevolgen voor leren en opleiden (Book)

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**Using outcomes-based methodology for the education, training and assessment of competence of healthcare professionals.**

Academic Journal

By: Harrison, Rosalind; Mitchell, Lindsay. Medical Teacher. Mar2006, Vol. 28 Issue 2, p165-170. 6p. 3 Diagrams. Abstract: This paper outlines the job competence/functional analysis methodology that is used widely within the UK workforce and throughout the world. This outcomes-based approach to competence focuses on the description of the outcomes of work performance and is not concerned with job or professional titles. The four stages of functional analysis are outlined and illustrated with a functional map developed for the ophthalmic sector. The nature, purpose and format of occupational standards are described and illustrated, along with common errors in developing occupational standards. The knowledge and understanding of requirements that are described with the occupational standards can be used for curriculum

18
development, but the de-linking of standards, learning and assessment means that qualifications can be awarded that are independent of any one learning process, and formal learning programmes are no longer the only access route to the qualification. This approach to competence can support meaningful discussions about how work may be shared between healthcare professions without compromising standards. [ABSTRACT FROM AUTHOR] DOI: 10.1080/01421590500271308. (AN: 20858283)

Subjects: LABOR supply; ACADEMIC titles (Higher education); HEALTH occupations students; LEARNING; MEDICAL education; MEDICAL schools — Curricula; GREAT Britain; FUNCTIONAL analysis; OPHTHALMOLOGY; MEDICINE

Cited References: (9) Times Cited in this Database: (3)

PDF Full Text (81KB)

By: Wilson, George; Hamilton, Bernadette; Britton, Frank; Campbell, Jim; Hughes, Phil; Manktelow, Roger. Social Work Education. Oct2005, Vol. 24 Issue 7, p721-736. 16p. 4 Charts. Abstract: This article reports on how research activity helped describe and analyse ASW (Approved Social Worker) learning experience as well as acting as a catalyst for change and development in theory and practice in Northern Ireland. The paper contextualizes the study by outlining the legislation, the main features of the ASW role and the approach to ASW training in Northern Ireland, and by reviewing the literature on the efficacy and value of competence-based learning. While the findings do not provide conclusive evidence that a competence-based approach is inherently more effective than previous courses, they do indicate that candidates who were trained in this way were moderately more satisfied than those who had participated in non-competence based programmes. The research also highlights the importance of the interrelationship between training, practice experience and support in developing and sustaining competence. The paper concludes with a review of the recommendations arising from the study and an analysis of the developments in training and regulations relating to practice experience and re-approval of ASWs since publication of the research. The study is of contemporary interest given the proposed changes to the role of ASWs/Mental Health Officers in the context of the reviews of UK mental health law. [ABSTRACT FROM AUTHOR] DOI: 10.1080/02615470500238637. (AN: 18302926)

Subjects: EXPERIENTIAL learning; ACTIVE learning; OUTCOME-based education; SOCIAL workers; SOCIAL work education; GREAT Britain; RATING of; MENTAL health

Cited References: (35) Times Cited in this Database: (2)

PDF Full Text (185KB)

41. Web-Based Digital Teaching Portfolios: Fostering Reflection and Technology Competence in Preservice Teacher Education Students.
By: Milman, Natalie B. Journal of Technology & Teacher Education. 2005, Vol. 13 Issue 3, p373-396. 24p. Abstract: This article describes the findings of a qualitative study to examine preservice teacher education students’ experiences and reasons for creating digital teaching portfolios. Also, it examines the advantages and challenges of creating digital teaching portfolios. Findings indicate that the process of creating digital teaching portfolios was a constructivist one that fostered self-confidence in students’ professional and technical skills. Also, students enrolled in the course to enhance their technology skills, for guidance in the process of developing a digital teaching portfolio, and to create a portfolio that would make them more marketable. [ABSTRACT FROM AUTHOR] (AN: 17360299)

Subjects: STUDENT teachers; INTERNET in education; COMPUTER assisted instruction; EDUCATIONAL technology; INSTRUCTIONAL systems; STUDENT teaching

Cited References: (47) Times Cited in this Database: (7)

PDF Full Text (185KB)

42. Experiences in evaluating outcomes in tool-based, competence building education in dynamical systems using symbolic computer algebra.
The failure of competence-based management education in the public sector.

Academic Journal

By: Fraser, W.J.; Killen, R.; Nieman, M.M. South African Journal of Higher Education. 2005, Vol. 19 Issue 2, p229-245. 17p. Abstract: The Department of Education's Norms and standards for educators (Department of Education 2000) require that higher education institutions design and implement outcomes-based teacher education programmes to enable novice teachers to demonstrate their competence across a range of teacher roles. In this article the question of whether outcomes-based programmes can produce competent teachers is explored. This is done firstly by taking a closer look at competence and competence-based education, the role of standards and the four types of competences as defined in the Norms and standards for educators. Thereafter we discuss outcome-based and outcomes-based education. The article also points out the necessity of distinguishing between competences for beginning and pre-service teachers on the one hand and experienced teachers on the other. [ABSTRACT FROM AUTHOR] [AN: 23820067] Subjects: OUTCOME-based education; TEACHER education; EDUCATIONAL programs; HIGHER education; UNITED States. Dept. of Education

Issues in competence and pre-service teacher education. Part 1. Can outcomes-based programmes produce competent teachers?

Academic Journal

By: Perram, John W.; Andersen, Morten; Ellekilde, Lars-Peter; Hjorth, Poul G. International Journal for Technology in Mathematics Education. 2005, Vol. 11 Issue 4, p139-145. 7p. 1 Diagram. Abstract: This paper discusses experience with alternative assessment strategies for an introductory course in dynamical systems, where the use of computer algebra and calculus is fully integrated into the learning process, so that the standard written examination would not be appropriate. Instead, students' competence was assessed by grading three large scale projects submitted during the course of the semester, supplemented by an oral examination. The oral required students' to discuss their electronic toolbox of symbolic, numerical and graphical code fragments collected from the electronic textbook and their project reports, and to demonstrate its robustness by trying to solve an unseen problem using it. [ABSTRACT FROM AUTHOR] [AN: 17667545] Subjects: ALGEBRA; CALCULUS; LEARNING; COMPUTERS; MATHEMATICAL ability; CURRICULA (Courses of study); MATHEMATICS

Competence-Based Curricula and Assessment: The Case of Teacher Education in Indiana. Academic Journal

Assessment Update. Jan/Feb2003, Vol. 15 Issue 1, p6. 3p. Abstract: The article focuses on education of beginning teachers at Indianapolis, Indiana-based Indiana State University (ISU). The state of Indiana mandated a competence-based system for the preparation and licensure of educators, effective July 1, 2002. This requires teacher preparation programs to infuse standards throughout the curriculum and to put in place a coherent, sequential assessment system for individual students that includes performance assessments. Indiana's new system for teacher education is standards-driven and performance-based. It is complex, responding to multiple sets of standards. The standards of the Interstate New Teacher Education and Support Consortium furnish the basis for all of Indiana's standards. National standards of learned societies and organizations provided direction for the development of state content standards. In addition, the National Council for the Accreditation of Teacher Education has a new set of standards that are consistent with Indiana's system. To be recommended for initial teacher licensure, students must meet sets of standards for the developmental level and content area of licensure sought. All sets of standards in the Indiana system are performance-based, meaning that achievement of any particular standard is documented through demonstration of the knowledge, skills, or dispositions, or sets of those, associated with successful performance of the standards. While the Indiana Professional Standards Board (IPSB), the state agency responsible for governing teacher preparation and licensure, specifies that the teacher education institution must account for achievement of all the standards for any particular license, the institution decides on the curriculum and assessments by which this will be accomplished. The IPSB requires each college or university that has a teacher education program to develop a Unit Assessment System, which documents the curricula and assessments of teacher education students. (AN: 10349908) Subjects: TEACHERS -- Training; CURRICULUM-based assessment; INDIANAPOLIS (Ind.); INDIANA; UNITED States; UNIVERSITY of Indianapolis (Indianapolis, Ind.)

PDF Full Text (69KB)
49. Relationship between competence-based education and student reflection on practice: a UK case study of initial teacher training. Academic Journal


48. Self-Perceived Competence of Secondary School Principals to Serve As School Leaders in Collaborative-Based Education Delivery Systems;

Academic Journal


By: Lum, Gerard. Journal of Philosophy of Education. Nov99, Vol. 33 Issue 3, p403. 16p. Abstract: This paper(n1) notes the apparent ineffectiveness of the critical response to competence-based education and training (CBET) and suggests that this results from a failure to correctly isolate CBET's unique, identifying features. It is argued that the prevailing tendency to identify CBET with 'competence' is fundamentally mistaken and that the competence approach is more properly characterised in terms of its philosophically naive methodological strategy. It is suggested that this strategy is based upon untenable assumptions relating to the semantic status of statements of competence and the epistemological and ontological constructs to which such statements are intended to correspond. [ABSTRACT FROM AUTHOR] DOI: 10.1080/0267152003697946. (AN: 2202416) Subjects: PERFORMANCE; EDUCATION; TRAINING; SCOTLAND; UK. Times Cited in this Database: (1)

46. The rhetoric and reality of professional competence-based vocational education in Scotland. Academic Journal

By: Canning, Roy. Research Papers in Education. Mar2000, Vol. 15 Issue 1, p69-93. 25p. 20 Charts. Abstract: This paper reports on an evaluation of competence-based vocational education practice in Scotland, with particular reference to higher level professional awards. Students (n =236) who registered for level 4 and 5 Scottish Vocational Qualifications (SVQs) returned questionnaires providing data on their experience of the programmes, the criterion-based assessment methodology and the quality of learning. It was found that participation in the 'new vocationalism' was highly gender patterned, had little impact on education and training targets and was skewed in favour of particular awards and occupational groups. The criterion-based assessment methodology proved more time-consuming for the students than the staff, with the emphasis on producing paper-based portfolios of evidence. A particular concern emerging from the research was the superficial nature of learning taking place on competence-based vocational education programmes. These findings are discussed in the context of the growth in 'outcome-based' approaches to education adopted by policy makers in Scotland. It is argued that the narrow instrumentalist employer-led standards used to underpin education practice are ill-suited to developing a highly skilled professional workforce for the next century. [ABSTRACT FROM AUTHOR] DOI: 10.1080/0267152003697946. (AN: 3869863) Subjects: VOCATIONAL education; OUTCOME-based education; SCOTLAND; UK. Cited References: (55)

45. Training Relationship between education and management in a further education college. The programme takes place in a context that promotes the concept of general management. However, the programme, in which the general management approach is embedded, is resisted by the participating middle managers, to the extent that the programme "collapses" half way through and is never revived. As the paper suggests, there may be two reasons for this. First, in considering any potential relationship between public and private sectors, a key question is whether generic transfer of managerial ideas and practices from private to the public sector is appropriate. Second, it may be a question of the way in which the programme was implemented and delivered. [ABSTRACT FROM AUTHOR] (AN: 10957946) Subjects: UNIVERSITIES & colleges; MIDDLE managers; MANAGEMENT; PRIVATE sector; PUBLIC sector

44. By: Boyett, Inger; Currie, Graeme. Personnel Review. 2001, Vol. 30 Issue 1/2, p42. 19p. Abstract: This paper presents a case study of a management development programme, which adopts a competence-based approach aimed at middle managers in a further education college. The programme takes place in a context that promotes the concept of general management. However, the programme, in which the general management approach is embedded, is resisted by the participating middle managers, to the extent that the programme "collapses" half way through and is never revived. As the paper suggests, there may be two reasons for this. First, in considering any potential relationship between public and private sectors, a key question is whether generic transfer of managerial ideas and practices from private to the public sector is appropriate. Second, it may be a question of the way in which the programme was implemented and delivered. [ABSTRACT FROM AUTHOR] (AN: 10957946) Subjects: UNIVERSITIES & colleges; MIDDLE managers; MANAGEMENT; PRIVATE sector; PUBLIC sector
By: Burchell, Helen; Westmoreland, Susan. International Journal of Training & Development. Jun99, Vol. 3 Issue 2, p156. 11p. Abstract: The past six years have seen a major change in initial teacher training (ITT) in the UK through the introduction of national competences, later developed as standards, which govern the arrangements for teaching and assessing on all programmes leading to the award of qualified teacher status. This article takes as its focus the value to be placed on a competence-based approach to ITT in the context of a programme which gives emphasis also to reflection on practice. The issues are first explored in a general way, and then examined through a case study of one higher education institution ITT programme. [ABSTRACT FROM AUTHOR] (AN: 4519382)

Subjects: TEACHERS -- Training of; TEACHING; OUTCOME-based education; GREAT Britain

Times Cited in this Database: (1)

PDF Full Text (123KB)

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By: Williams, Steve; Raggatt, Peter. Journal of Education & Work. Oct98, Vol. 11 Issue 3, p275. 18p. Abstract: Examines the history of competence-based vocational qualifications in Great Britain. Increase in the prominence of the National/Scottish Vocational Qualifications (N/SVQ); Impact of N/SVQ on vocational education and training; Approach to fill knowledge gap. (AN: 6535069)

Subjects: JOB qualifications; EDUCATION; OCCUPATIONAL training; GREAT Britain

Cited References: (54) Times Cited in this Database: (3)

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By: Allen, Douglas; Young, Murray. Journal of Management Education. May97, Vol. 21 Issue 2, p168-189. 22p. 5 Charts. Abstract: Research suggests that cross-cultural competence can best be developed through face-to-face contact with other cultures. In light of this, many universities seek ways to provide strong, cross-cultural exposure to students. The authors describe an innovative 8-day sojourn to Mexico, in which students and faculty experience cross-cultural immersion through activity-based learning. Design issues and key learnings for educators who seek to develop or enhance cross-cultural management education programs are discussed. Feedback from student and faculty participants is included. [ABSTRACT FROM AUTHOR] (AN: 9705201744)

Subjects: CROSS-cultural orientation; BUSINESS education; GLOBAL studies; CONCENTRATED study; FEEDBACK (Psychology); BUSINESS teachers; MEXICO; TOUR guides (Persons); TRAVEL

Times Cited in this Database: (5)

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By: Hyland, Terry. Educational Studies (03055698). 1993, Vol. 19 Issue 1, p123. 6p. Abstract: Criticizes the National Council for Vocational Qualification (NCVQ) model of competence-based education (CBE) in Great Britain. Impact of the CBE philosophy on higher education; Concerns on the spread of CBE; Basis of NCVQ's approach to competence; Appropriateness of the NCVQ model for occupational and professional development. (AN: 9602220264)

Subjects: OUTCOME-based education; GREAT Britain; NATIONAL Council for Vocational Qualifications

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Competence-based teacher education: Approaches and issues.
Competence-based Education and Distance Learning: a tandem for professional continuing education?

By: Dunn, W. R.; Hamilton, D. D. Studies in Higher Education. Oct1985, Vol. 10 Issue 3, p277-287. 11p. Abstract: Competence-based education is seen as a valid methodology for determining the contents of a continuing education programme for any profession. At present there seem to be five main ways of so deciding the priorities in professional competence: Attraction of the subject-centred approach, task analysis, the Delphi technique, the critical incident survey, and the behavioural event interview. These five are all discussed and critically examined, the arguments for and against each methodology being considered. This discussion draws on our practical experience in implementing these techniques in competence-based studies which we have undertaken in certain branches of medicine and in pharmacy. However, having determined the competencies needed by the profession, one is still left with the problem of how a continuing education programme based on these competencies can be organised and conducted. It's quite clear from the attendance figures at medical and pharmaceutical meetings that the present continuing education provision is attracting a very low percentage and the comments of those who do attend are often critical. Our evidence indicates that one way ahead for all the professions is to make greater use of distance learning facilities, particularly those adopting an initial problem-solving approach. But much of the distance learning material available at present in the professions fails to acknowledge this and is little more than re-typed lecture notes or re-written text books. In other words, it is frequently dull. Distance learning, if it is to work in the context of professional continuing education, must meet the criteria which have proved successful with the medical and pharmaceutical professions. It must be convenient for professionals to use in terms of time and place; it must be relevant and should be oriented in terms of problems that professionals encounter, perhaps not often, but at least once every two years; it must be flexible enough to allow some adaptation to individual needs and interests; it should include an element of self-assessment which allows the individual to recognise what he doesn't know but needs to know and immediately points him in the direction of where that need can be met; it must not concentrate on mastery learning (the topics and skills which have to be mastered) at the expense of the areas of speculation, the so-called "grey areas" of practice which call for professional value judgements and decision-making skills; and it must be systematic in its coverage for today's provision is haphazard and opportunistic. It is against these criteria and this checklist that the distance learning provision in any profession should be measured. [ABSTRACT FROM AUTHOR] (AN: 19700359)

Subjects: EDUCATION; CONTINUING education; DISTANCE education; PROFESSIONAL education; DELPHI method; PROBLEM solving; HIGHER education; MEDICINE; PHARMACY


Subjects: BOOKS — Reviews; HIGHER education; NONFICTION; ON Competence: A Critical Analysis of Competence-Based Reforms in Higher Education (Book); GRANT, Gerald

Subjects: BOOKS -- Reviews; HIGHER education; NONFICTION; ON Competence: A Critical Analysis of Competence-Based Reforms in Higher Education (Book); GRANT, Gerald; GAMSON, Zelda; OLESEN, Virginia; RIESMAN, David, 1909-2002; ELBOW, Peter; NEUMANN, William; KOHLI, Wendy; EWENS, Thomas
B. Educational effectiveness


By: Silverman, Michael J. Journal of Music Therapy. Fall 2014, Vol. 51 Issue 3, p228-249. 22p. 1 Diagram, 4 Charts. Abstract: Background: Social support is associated with enhanced illness management and recovery in persons with mental illness, making it an important topic addressed through acute inpatient psychoeducational programs. In addition, trust in the therapist may mediate clinical outcomes in this patient population. To date, few studies have examined the effect of music-based psychoeducational programs on these variables. Purpose: The purpose of this study was to isolate and examine the component parts of a live educational music therapy intervention, and its effect on acute psychiatric inpatients’ perceived social support from significant others, family, and friends and trust in the therapist. This study also explored whether trust in therapist varied across conditions, but did not examine it as a mediator for social support. Method: Participants (N = 96) were cluster-randomized in a single-session posttest-only design to one of four conditions: live educational music therapy, recorded educational music therapy, education without music, or recreational music therapy without education. Conditions were designed to isolate the following intervention components: live vs. recorded music, educational vs. noneducational content, and music vs. nonmusic modality. Dependent measures were assessed post intervention via established self-report instruments evaluating perceived social support and trust in the therapist. Results: There were no significant between-group differences for social support or trust in therapist total scores. However, subscale score analyses revealed two significant between-group differences: (a) participants in the Live Educational Music Therapy condition reported significantly higher perceived therapist competence compared with the Recorded Educational Music Therapy condition; (b) participants in the Live Educational Music Therapy condition reported significantly higher perceived support from friends compared with the Recreational Music Therapy condition. Conclusions: Live educational music therapy may be a way to heighten psychiatric inpatients’ perceived social support concerning friends and perceptions of the therapist’s competence. The current results demonstrated differences between live and recorded music therapy in psychiatric music therapy and provide empirical support for competent musicianship. Implications for clinical practice, limitations, and suggestions for future research are included. [ABSTRACT FROM PUBLISHER] DOI: 10.1093/jmt/thu011. (AN: 98912144)

Subjects: MUSIC therapy; RESEARCH; SOCIAL support; MENTALLY ill -- Social conditions; MENTALLY ill -- Attitudes; PSYCHOTHERAPY patients -- Services for; MENTALLY ill -- Care; TRUST

Cited References: (50)

2. Using the Dynamic Model of Educational Effectiveness to Identify Stages of Effective Teaching: An Introduction to the Special Issue.

By: Creemers, Bert P. M.; Kyriakides, Leonidas. Journal of Classroom Interaction. 2013, Vol. 48 Issue 2, p4-10. 7p. Abstract: This paper is concerned with the teacher factors of the dynamic model of educational effectiveness, which give emphasis to teacher behavior in the classroom and focus on generic teaching skills. Teacher factors associated with both the direct and active teaching approach (e.g., structuring, questioning, application) and the constructivist approach (e.g., orientation, modeling-scaffolding) are included in the model. The paper also refers to the five dimensions that are used to measure the functioning of these factors: frequency, focus, stage, quality, and differentiation. It is also claimed that teaching skills included in the dynamic model can help us define stages of effective teaching. Results of studies searching for stages of effective teaching are presented in this special issue. Finally, implications for research on improving effective teaching and promoting student learning outcomes are drawn. [ABSTRACT FROM AUTHOR] (AN: 97081559)

Subjects: TEACHER effectiveness; EFFECTive teaching; TEACHERS -- Attitudes; DIRECT instruction; TEACHING -- Methodology

Cited References: (22)

PDF Full Text (363KB)

3. Dental Student Perceptions of Case-Based Educational Effectiveness.

By: Mckenzie, Carly T. Journal of Dental Education. Jun 2013, Vol. 77 Issue 6, p688-694. 7p. Abstract: This study investigated the effects of a case-based education course on second-year dental students. It explored what impact the
small-group environment had on the participants professionally, communicatively, and personally and also analyzed their performance evaluations of the facilitators. The study employed a pretest-posttest survey design. Students' professional development consistently showed a positive significant change as a result of the course, especially regarding perceived skills. The course was found to have impacted the students' confidence in their own team contribution, and their ability to discuss and pres-ent treatment plans also significantly increased. This study did not find evidence of influence on the students' personal benefit. The students reported perceiving that the facilitators' abilities were stronger at the beginning of the course, but then the ratings decreased over time. Overall, the case-based education course was found to have positively affected students' knowledge and skills acquisition as well as their communication skills. [ABSTRACT FROM AUTHOR] (AN: 88167662)

Subjects: DENTAL students; PERCEPTION; COURSE content (Education); PROFESSIONAL education; COMMUNICATIVE competence; SELF-confidence

Cited References: (25)

Educational effectiveness of an intervention programme for social-emotional learning.

By: Sheard, Mary K; Ross, Steven; Cheung, Alan. International Journal of Multiple Research Approaches. Dec2012, Vol. 6 Issue 3, p264-284. 21p. Abstract: The article presents a critical reflection of the use of mixed and blended methods in the first 2 years of a 3-year longitudinal randomised evaluation of PATHS (NI), a social and emotional intervention programme introduced in schools in a region of Northern Ireland (NI) traditionally characterised by religious and cultural diversity. As described by Durlak and Weissburg (2010), social-emotional learning (SEL) is the process through which children and adolescents acquire the attitudes and skills to: (a) recognise and manage emotions, (b) set and achieve positive goals, (c) demonstrate care and concern for others, (d) establish and maintain positive relationships, (e) make responsible decisions, and (f) handle interpersonal relationships effectively. Implementation of the PATHS (NI) programme began in six schools for children aged 4-11 in September 2008 as a pilot phase of the programme's development. The article reports how the analyses of data obtained from mixed and blended methods produced complementary and contrasting results, and how this tension produced meaningful evaluation findings. Conclusions are drawn about the evaluation process and the contribution made by interviews with key stakeholders, teacher ratings of pupil behaviour, and lesson observations to our understanding of the educational effectiveness of a relatively newly-developed social and emotional intervention programme. [ABSTRACT FROM AUTHOR] DOI: 10.5172/mra.2012.6.3.264. (AN: 91277397)

Subjects: AGGRESSION (Psychology); CHILD development; CURRICULA (Courses of study); EMOTIONS (Psychology); INTERPERSONAL relations; LEARNING strategies; RESEARCH -- Methodology; PARENTS; CULTURAL pluralism; PROBLEM solving; QUALITATIVE research; DATA analysis; HUMAN services programs; PRE-tests & post-tests; NORTHERN Ireland; ANALYSIS of covariance; CHI-squared test; CONCEPTUAL structures (Information theory); FRUSTRATION; INTERVIEWING; PROBABILITY theory; RELIGION; SCALE analysis (Psychology); SELF-perception; SOCIAL skills; STATISTICS; T-test (Statistics); U-statistics; QUANTITATIVE research; RANDOMIZED controlled trials; ACQUISITION of data; REPEATED measures design; MEDICAL coding

PDF Full Text (3.5MB)

EDUCATIONAL RESEARCH: PURPOSE, QUALITY AND EFFECTIVENESS.

By: DU, NGUYEN NGOC. Annual Review of Education, Communication & Language Sciences. Oct2012, Vol. 9, p1-20. 20p. Abstract: This study was conducted with the view to answering three fundamental questions, relating to the purpose, quality, and effectiveness of educational research. In order to address these topics of enquiry, a significant number of academic studies have been critically reviewed. The research findings indicated that educational research intends to serve two major purposes: generation of new intellectual knowledge and provision of practical guidelines for teaching and learning processes. Aside from meeting the criteria of social studies, a high quality piece of educational research must pay serious attention to ethical issues; employ different strategies and techniques to enhance reliability and validity of research findings; and be accessible to its intended user group(s). Research that "works" should indicate that it substantially meets the requirements of a good study, while generating either short-term or long-term benefits. Through discussion, implications and recommendations for researchers and policy-makers are provided. [ABSTRACT FROM AUTHOR] (AN: 88924967)

Subjects: LEARNING; EDUCATION -- Research; GOVERNMENT policy; SOCIAL sciences -- Study & teaching; THEORY of knowledge; TEACHING methods

Cited References: (66)

PDF Full Text (432KB)
A Study of the Effectiveness of Supplemental Educational Services for Title I Students in Baltimore City Public Schools.

By: Harding, Heather R.; Harrison-Jones, Lois; Rebach, Howard M. Journal of Negro Education. Winter 2012, Vol. 81 Issue 1, p52-66. 15p. Abstract: The authors of the No Child Left Behind Act of 2001 anticipated that a majority of school districts or schools would not be able to attain state and national achievement standards without assistance. Consequently, the Act created a major tenet known as Supplemental Educational Services (SES) programs to improve the learning outcomes of students placed 'at-risk' and to hold public schools accountable for increasing the proficiency levels of students in reading and mathematics. This study examined whether provision of supplemental educational services significantly improved academic achievement of students in Baltimore City Public Schools after they received supplemental services. A quasi-experimental research design was utilized in this study to compare SES participants and non-participants.

Subjects: AT-risk students; PUBLIC schools; EDUCATIONAL tests & measurements; MINORITY students; MARYLAND; UNITED States; UNITED States. No Child Left Behind Act of 2001; BALTIMORE City Public Schools

Is the glass half-full or half-empty? Perceptions of recently-qualified educational psychologists on the effectiveness and impact of their Master’s level research.

By: Landor, Miriam. Educational Psychology in Practice. Mar 2011, Vol. 27 Issue 1, p83-95. 13p. 2 Charts. Abstract: This paper reports the results of a small-scale study of the perceptions of recently-qualified educational psychologists (EPs) in Scotland about the effectiveness of their Master’s level research and its impact on their own practice, on their service and on the wider educational psychology community. Thematic analysis of the data was carried out. There was widespread agreement that their dissertation research project had a positive and wide-ranging impact on their own professional development, in terms of their reflective stance, theoretical knowledge and understanding, practical skills and expertise which they could use for training others, and lastly, career enhancement. There were mixed perceptions, however, of the impact their research had on their service or on the wider profession. Proposals for improvement were made in order to build capacity for research and evaluation in psychological services, in the light of increasing interest in professional accountability and evidence based practice (EBP).

Subjects: EDUCATIONAL psychologists; CAREER development; PROFESSIONAL education; EDUCATIONAL psychology; SCOTLAND

Using Invitational Theory to Understand the Effectiveness of Artistic Pedagogical Technologies in Creating an Invitational Classroom in the Online Educational Milieu.

By: Perry, Beth; Edwards, Margaret; Menzies, Cynthia; Janzen, Katherine. Proceedings of the International Conference on e-Learning. 2011, p284-292. 9p. 1 Color Photograph, 2 Diagrams. Abstract: This paper explores how innovative teaching strategies, called artistic pedagogical technologies (APTs) (Perry & Edwards 2010) influence online post-secondary classrooms. APTs are art-based teaching strategies. APTs called photovoice, parallel poetry, and conceptual quilting are described. A research study of the effect of these APTs on the online class milieus, from the perspective of graduate students from a Canadian online university, is discussed. A convenience sample of 15 students participated. Data were collected using an online questionnaire adapted from the Classroom Cohesion Scale (CSS) (Rovai 2002) and the Social Presence Scale (SPS) (Richardson & Swan 2003). A sub-set of the sample participated in a telephone focus group. Data analysis included hand-coding of qualitative data from the questionnaire and focus groups, coupled with analysis using NVivo software to determine themes. The themes are; increased quality of interactions, enhanced sense of community, and further application of course content. Findings are discussed using invitational theory, presented using the four essential propositions of trust, respect, optimism, and intentionality (Purkey 1997). Considerations for educators regarding the use of APTs are reviewed.
Subjects: EFFECTIVE teaching; TEACHING methods; POSTSECONDARY education; VIRTUAL classrooms; ONLINE courses; WEB-based instruction; EDUCATIONAL innovations

Results 1997-2010

9.

School Factors Explaining Achievement on Cognitive and Affective Outcomes: Establishing a Dynamic Model of Educational Effectiveness.

Academic Journal

By: Creemers, Bert; Kyriakides, Leonidas. Scandinavian Journal of Educational Research. Jun 2010, Vol. 54 Issue 3, p263-294. 32p. 3 Diagrams, 5 Charts. Abstract: The dynamic model of educational effectiveness defines school level factors associated with student outcomes. Emphasis is given to the two main aspects of policy, evaluation, and improvement in schools which affect quality of teaching and learning at both the level of teachers and students: a) teaching and b) school learning environment. Five measurement dimensions are used to define each factor: frequency, stage, focus, quality and differentiation. This paper reports the results of a longitudinal study testing the validity of the dynamic model at the school level. The multidimensional approach to measure the school level factors was supported and most of the factors and their dimensions were found to be associated with student achievement in different learning outcomes. Implications for the development of the dynamic model and for educational practice are drawn. [ABSTRACT FROM AUTHOR] DOI: 10.1080/00313831003764529. (AN: 52444806)

Subjects: EDUCATION -- Evaluation; ACADEMIC achievement; ACADEMIC improvement; SCHOOL environment; TEACHER-student relationships; LONGITUDINAL method; TEACHING; TEACHER effectiveness; STUDY environment

10.

Towards the development of generic and differentiated models of educational effectiveness: a study on school and teacher effectiveness in physical education.

Academic Journal

By: Kyriakides, Leonidas; Tsangaridou, Niki. British Educational Research Journal. Dec 2008, Vol. 34 Issue 6, p807-838. 32p. 1 Diagram, 3 Charts. Abstract: This article presents the results of an evaluation study in Physical Education (PE) in which 23 schools, 49 classes and 1142 year 4 Cypriot students participated. This study attempted to identify the extent to which a theoretical framework of educational effectiveness research based on Creemers' model can be developed. The relationship between generic and differentiated effectiveness was also examined. Most of the variables in Creemers' model showed the expected effects, irrespective of the criterion used to measure effectiveness in PE. The great majority of teachers were found to be equally effective in achieving different aims of PE. There was some variability in the effectiveness status of most teachers who were expected to teach PE in classrooms of different schools. Implications of findings for the development of generic and differentiated models of educational effectiveness are drawn. [ABSTRACT FROM AUTHOR] DOI: 10.1080/01411920802041467. (AN: 35213080)
11. The Birth to School Study: evidence on the effectiveness of PEEP, an early intervention for children at risk of educational under-achievement.

By: Evangelou, Maria; Brooks, Greg; Smith, Sally. Oxford Review of Education. Nov 2007, Vol. 33 Issue 5, p581-609. 29p. 1 Diagram, 8 Charts. Abstract: This article presents the findings of the Birth to School Study (BTSS) a longitudinal evaluation of the Peers Early Education Partnership (PEEP); a family-focused intervention aimed at promoting early literacy, numeracy and self-esteem in a community at risk of educational underachievement. The main aim of the study was to investigate the effectiveness of PEEP on the children and families from the community it served. Embedded within this aim were dual objectives: to determine if the intervention had an effect within the community as a whole, and simultaneously to determine whether it had an effect on the sub-group of families who participated in the PEEP weekly sessions. Outcomes in favour of the intervention were found for parents and for children's progress in language and early literacy skills, both at community and sub-group level. The study is located within a discussion of social exclusion, the potentially mediating influence of education and the accessibility of literacy skills to intervention and change. [ABSTRACT FROM AUTHOR] DOI: 10.1080/03054980701476477. (AN: 27009872)

Subjects: EDUCATION; COMMUNITIES; PARENT & child; UNDERACHIEVEMENT; LITERACY; LANGUAGE & languages; FAMILIES; SELF-esteem; PEERS


By: Lindsay, Geoff. British Journal of Educational Psychology. Mar 2007, Vol. 77 Issue 1, p1-24. 24p. Abstract: Background. Inclusive education/mainstreaming is a key policy objective for the education of children and young people with special educational needs (SEN) and disabilities. Aims. This paper reviews the literature on the effectiveness of inclusive education/mainstreaming. The focus is on evidence for effects in terms of child outcomes with examination also of evidence on processes that support effectiveness. Samples. The review covers a range of SEN and children from pre-school to the end of compulsory education. Method. Following an historical review of evidence on inclusive education/mainstreaming, the core of the paper is a detailed examination of all the papers published in eight journals from the field of special education published 2001-2005 (N = 1373): Journal of Special Education, Exceptional Children, Learning Disabilities Research and Practice, Journal of Learning Disabilities, Remedial and Special Education, British Journal of Special Education, European Journal of Special Needs Education, and the International Journal of Inclusive Education. The derived categories were: comparative studies of outcomes; other outcome studies; non-comparative qualitative studies including non-experimental case studies; teacher practice and development; teacher attitudes; and the use of teaching assistants. Results. Only 14 papers (1.0%) were identified as comparative case study design while others were based on respondent’s judgements, or explored process factors including teacher attitudes and the use of teaching assistants. Conclusions. Inclusive education/mainstreaming has been promoted on two bases: the rights of children to be included in mainstream education and the proposition that inclusive education is more effective. This review focuses on the latter issue. [ABSTRACT FROM AUTHOR] DOI: 10.1348/000709906X156881. (AN: 24519626)

Subjects: PSYCHOLOGY -- Research; CHILDREN with disabilities -- Education; CHILDREN’S rights; MAINSTREAMING in special education; INCLUSIVE education; TEACHERS -- Attitudes; TEACHERS’ assistants; PERIODICALS in education; EDUCATIONAL publishing
13. Professional capacity and organizational change as measures of educational effectiveness: assessing the impact of postgraduate education in Development, Planning, and Management.


Abstract: We tend to measure educational performance by students' attainment in coursework or examinations. In the case of professional education, the impact of the educational programme on the students' own capacities to enhance their work practices, and the wider organizational effects of the students' education and training, are also key 'products' of the educational process. This is particularly important with education for Development, Planning, and Management (DPAM), which is directly concerned with capacity-building. This article adopts a work-related approach to educational effectiveness and examines four professional programmes in DPAM--three in Southern Africa and one in the UK. Through the analysis of the results of surveys and case studies, the article demonstrates how a positive learning experience is related to the application of learning at work. However the conditions for applying learning also depend strongly on organizational context, as do the wider organizational impacts of learning. The article presents a broad approach to assessing educational effectiveness in professional programmes which incorporate these factors. [ABSTRACT FROM AUTHOR] (AN: 14361197)

Subjects: EDUCATIONAL planning; STUDENTS; EXAMINATIONS; PROFESSIONAL education; EDUCATIONAL programs; LEARNING

Cited References: (21)

PDF Full Text (301KB)

14. The impact of multifaceted educational structuring on learning effectiveness in a surgical clerkship.

By: Van Der Hem-Stokroos, H. H.; Daelmans, H. E. M.; Van Der Vleuten, C. P.; Haarman, H. J. Th.; Scherpbier, A. J. J. A. Medical Education. Aug 2004, Vol. 38 Issue 8, p879-886. 8p. 4 Charts. Abstract: Various measures have been introduced to enhance learning experiences in clerkships, generally with limited success. This study evaluated the impact of a multifaceted approach on the effectiveness of learning in a surgical clerkship. In accordance with results obtained in continuing medical education, several interventions were introduced simultaneously. We compared students' evaluations of the traditional surgical clerkship with those of the restructured clerkship. Two consecutive cohorts of students were asked to complete a questionnaire about the quality and quantity of their learning experiences. Cohort 1 ( n = 28) undertook the traditional clerkship and cohort 2 ( n = 72) the restructured clerkship. A Mann--Whitney test was used to compare outcomes between the 2 cohorts. There were few statistically significant differences between cohorts 1 and 2. Overall, quality indicators did not differ between the 2 cohorts. A short-term multifaceted intervention led to a slight increase in the performance of clinical skills and a slight decrease in time spent on activities of limited educational value. The intervention may have been too brief to produce substantial effects. Future interventions should also target teachers, including trainees, in order to assess their opinions and address their educational needs. [ABSTRACT FROM AUTHOR] (AN: 13879696)

Subjects: EDUCATIONAL evaluation; MEDICINE -- Study & teaching; CLINICAL clerkship; LEARNING; STUDENTS -- Rating of; MEDICAL education

Times Cited in this Database: (4)

PDF Full Text (99KB)

15. School Effectiveness Research and Educational Policy.


Abstract: This paper discusses a series of recent critiques of school effectiveness (SE) research from within the academic community and the responses to them by SE researchers. It uses these as a basis to explore the nature of current SE research and its relationship with government policy. It is argued that much SE research has been too closely concerned with specific government policy and as well as having weak theoretical and empirical support. The general response of the SE community to these criticisms is judged to be inadequate and recommendations for future directions are made. [ABSTRACT FROM AUTHOR] (AN: 3893559)

Subjects: SCHOOLS -- Evaluation; TEACHERS; GREAT Britain

Cited References: (29) Times Cited in this Database: (19)

HTML Full Text PDF Full Text (139KB)
C. Educational effectiveness **TITLE** and competence based training **TEXT**

Results 2011-2015

1. **Using the Dynamic Model of Educational Effectiveness to Identify Stages of Effective Teaching: An Introduction to the Special Issue.**

   Academic Journal

   By: Creemers, Bert P. M.; Kyriakides, Leonidas. Journal of Classroom Interaction. 2013, Vol. 48 Issue 2, p4-10. 7p. Abstract: This paper is concerned with the teacher factors of the dynamic model of educational effectiveness, which give emphasis to teacher behavior in the classroom and focus on generic teaching skills. Teacher factors associated with both the direct and active teaching approach (e.g., structuring, questioning, application) and the constructivist approach (e.g., orientation, modeling-scaffolding) are included in the model. The paper also refers to the five dimensions that are used to measure the functioning of these factors: frequency, focus, stage, quality, and differentiation. It is also claimed that teaching skills included in the dynamic model can help us define stages of effective teaching. Results of studies searching for stages of effective teaching are presented in this special issue. Finally, implications for research on improving effective teaching and promoting student learning outcomes are drawn. [ABSTRACT FROM AUTHOR] (AN: 97081559)

   Subjects: TEACHER effectiveness; EFFECTIVE teaching; TEACHERS -- Attitudes; DIRECT instruction; TEACHING -- Methodology

   Cited References: (22)

   PDF Full Text (363KB)

2. **Dental Student Perceptions of Case-Based Educational Effectiveness.**

   Academic Journal

   By: McKenzie, Carly T. Journal of Dental Education. Jun2013, Vol. 77 Issue 6, p688-694. 7p. Abstract: This study investigated the effects of a case-based education course on second-year dental students. It explored what impact the small-group environment had on the participants professionally, communicatively, and personally and also analyzed their performance evaluations of the facilitators. The study employed a pretest-posttest survey design. Students' professional development consistently showed a positive significant change as a result of the course, especially regarding perceived
skills. The course was found to have impacted the students' confidence in their own team contribution, and their ability to discuss and present treatment plans also significantly increased. This study did not find evidence of influence on the students' personal benefit. The students reported perceiving that the facilitators' abilities were stronger at the beginning of the course, but then the ratings decreased over time. Overall, the case-based education course was found to have positively affected students' knowledge and skills acquisition as well as their communication skills. [ABSTRACT FROM AUTHOR] (AN:88167662)

**Subjects:** DENTAL students; PERCEPTION; COURSE content (Education); PROFESSIONAL education; COMMUNICATIVE competence; SELF-confidence

Cited References: (66)

#### 3.

**Educational effectiveness of an intervention programme for social-emotional learning.**

**Academic Journal**

By: Sheard, Mary K; Ross, Steven; Cheung, Alan. International Journal of Multiple Research Approaches. Dec2012, Vol. 6 Issue 3, p264-284. Abstract: The article presents a critical reflection of the use of mixed and blended methods in the first 2 years of a 3-year longitudinal randomised evaluation of PATHS (NI), a social and emotional intervention programme introduced in schools in a region of Northern Ireland (NI) traditionally characterised by religious and cultural diversity. As described by Durlak and Weissburg (2010), social-emotional learning (SEL) is the process through which children and adolescents acquire the attitudes and skills to: (a) recognise and manage emotions, (b) set and achieve positive goals, (c) demonstrate care and concern for others, (d) establish and maintain positive relationships, (e) make responsible decisions, and (f) handle interpersonal relationships effectively. Implementation of the PATHS (NI) programme began in six schools for children aged 4-11 in September 2008 as a pilot phase of the programme's development. The article reports how the analyses of data obtained from mixed and blended methods produced complementary and contrasting results, and how this tension produced meaningful evaluation findings. Conclusions are drawn about the evaluation process and the contribution made by interviews with key stakeholders, teacher ratings of pupil behaviour, and lesson observations to our understanding of the educational effectiveness of a relatively newly-developed social and emotional intervention programme. [ABSTRACT FROM AUTHOR] DOI: 10.5172/mra.2012.6.3.264. (AN:91277397)

**Subjects:** AGGRESSION (Psychology); CHILD development; CURRICULA (Courses of study); EMOTIONS (Psychology); INTERPERSONAL relations; LEARNING strategies; RESEARCH -- Methodology; PARENTS; CULTURAL pluralism; PROBLEM solving; QUALITATIVE research; DATA analysis; HUMAN services programs; PRE-tests & post-tests; NORTHERN Ireland; ANALYSIS of covariance; CHI-squared test; CONCEPTUAL structures (Information theory); FRustration; INTERVIEWing; PROBABILITY theory; RELIGION; SCALE analysis (Psychology); SELF-perception; SOCIAL skills; STATISTICS; T-test (Statistics); U-statistics; QUANTITATIVE research; RANDOMIZED controlled trials; ACQUISITION of data; REPEATED measures design; MEDICAL coding

PDF Full Text (3.5MB)

#### 4.

**EDUCATIONAL RESEARCH: PURPOSE, QUALITY AND EFFECTIVENESS.**

**Academic Journal**

By: DU, NGUYEN NGOC. Annual Review of Education, Communication & Language Sciences. Oct2012, Vol. 9, p1-20. 20p. Abstract: This study was conducted with the view to answering three fundamental questions, relating to the purpose, quality, and effectiveness of educational research. In order to address these topics of enquiry, a significant number of academic studies have been critically reviewed. The research findings indicated that educational research intends to serve two major purposes: generation of new intellectual knowledge and provision of practical guidelines for teaching and learning processes. Aside from meeting the criteria of social studies, a high quality piece of educational research must pay serious attention to ethical issues; employ different strategies and techniques to enhance reliability and validity of research findings; and be accessible to its intended user group(s). Research that "works" should indicate that it substantially meets the requirements of a good study, while generating either short-term or long-term benefits. Through discussion, implications and recommendations for researchers and policy-makers are provided. [ABSTRACT FROM AUTHOR] (AN:88924967)

**Subjects:** LEARNING; EDUCATION -- Research; GOVERNMENT -- Policy; SOCIAL sciences -- Study & teaching; THEORY of knowledge; TEACHING methods

Cited References: (66)

PDF Full Text (432KB)

#### 5.

Is the glass half-full or half-empty? Perceptions of recently-qualified educational psychologists on the effectiveness and impact of their Master's level research.
Academic Journal

By: Landor, Miriam. Educational Psychology in Practice. Mar 2011, Vol. 27 Issue 1, p83-95. 13p. 2 Charts. Abstract: This paper reports the results of a small-scale study of the perceptions of recently-qualified educational psychologists (EPs) in Scotland about the effectiveness of their Master's level research and its impact on their own practice, on their service and on the wider educational psychology community. Thematic analysis of the data was carried out. There was widespread agreement that their dissertation research project had a positive and wide-ranging impact on their own professional development, in terms of their reflective stance, theoretical knowledge and understanding, practical skills and expertise which they could use for training others, and lastly, career enhancement. There were mixed perceptions, however, of the impact their research had on their service or on the wider profession. Proposals for improvement were made in order to build capacity for research and evaluation in psychological services, in the light of increasing interest in professional accountability and evidence based practice (EBP). [ABSTRACT FROM AUTHOR] DOI: 10.1080/02667363.2011.549356. (AN: 59530095)

Subjects: EDUCATIONAL psychologists; CAREER development; PROFESSIONAL education; EDUCATIONAL psychology; SCOTLAND

Cited References: (26)
PDF Full Text (68KB)

6. Using Invitational Theory to Understand the Effectiveness of Artistic Pedagogical Technologies in Creating an Invitational Classroom in the Online Educational Milieu.

Conference

By: Perry, Beth; Edwards, Margaret; Menzies, Cynthia; Janzen, Katherine. Proceedings of the International Conference on e-Learning. 2011, p284-292. 9p. 1 Color Photograph, 2 Diagrams. Abstract: This paper explores how innovative teaching strategies, called artistic pedagogical technologies (APTs) (Perry & Edwards 2010) influence online post-secondary classrooms. APTs are art-based teaching strategies. APTs called photovoice, parallel poetry, and conceptual quilting are described. A research study of the effect of these APTs on the online class milieu, from the perspective of graduate students from a Canadian online university, is discussed. A convenience sample of 15 students participated. Data were collected using an online questionnaire adapted from the Classroom Cohesion Scale (CSS) (Rovai 2002) and the Social Presence Scale (SPS) (Richardson & Swan 2003). A sub-set of the sample participated in a telephone focus group. Data analysis included hand-coding of qualitative data from the questionnaire and focus groups, coupled with analysis using NVivo software to determine themes. The themes are; increased quality of interactions, enhanced sense of community, and further application of course content. Findings are discussed using invitational theory, presented using the four essential propositions of trust, respect, optimism, and intentionality (Purkey 1997). Considerations for educators regarding the use of APTs are reviewed. [ABSTRACT FROM AUTHOR] (AN: 62796301)

Subjects: EFFECTIVE teaching; TEACHING methods; POSTSECONDARY education; VIRTUAL classrooms; ONLINE courses; WEB-based instruction; EDUCATIONAL innovations

PDF Full Text (1.3MB)
Results 1997-2010

7. Towards the development of generic and differentiated models of educational effectiveness: a study on school and teacher effectiveness in physical education.

Academic Journal
By: Kyriakides, Leonidas; Tsangaridou, Niki. British Educational Research Journal. Dec 2008, Vol. 34 Issue 6, p807-838. 32p. 1 Diagram, 3 Charts. Abstract: This article presents the results of an evaluation study in Physical Education (PE) in which 23 schools, 49 classes and 1142 year 4 Cypriot students participated. This study attempted to identify the extent to which a theoretical framework of educational effectiveness research based on Creemers’ model can be developed. The relationship between generic and differentiated effectiveness was also examined. Most of the variables in Creemers’ model showed the expected effects, irrespective of the criterion used to measure effectiveness in PE. The great majority of teachers were found to be equally effective in achieving different aims of PE. There was some variability in the effectiveness status of most teachers who were expected to teach PE in classrooms of different schools. Implications of findings for the development of generic and differentiated models of educational effectiveness are drawn. [ABSTRACT FROM AUTHOR] DOI: 10.1080/01411920802041467. (AN: 35213080)

Subjects: TEACHER effectiveness; RESEARCH; PHYSICAL education; EDUCATION -- Evaluation; EDUCATION -- Aims & objectives; EDUCATION -- Research; PHYSICAL education teachers; EFFECTIVE teaching; EDUCATIONAL evaluation; TEACHER expectations; EDUCATION & state; CYPRUS; CREEMERS, Bert

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8.

The Birth to School Study: evidence on the effectiveness of PEEP, an early intervention for children at risk of educational under-achievement.

By: Evangelou, Maria; Brooks, Greg; Smith, Sally. Oxford Review of Education. Nov 2007, Vol. 33 Issue 5, p581-609. 29p. 1 Diagram, 8 Charts. Abstract: This article presents the findings of the Birth to School Study (BTSS) a longitudinal evaluation of the Peers Early Education Partnership (PEEP); a family-focused intervention aimed at promoting early literacy, numeracy and self-esteem in a community at risk of educational underachievement. The main aim of the study was to investigate the effects of PEEP on the children and families from the community it served. Embedded within this aim were dual objectives: to determine if the intervention had an effect within the community as a whole, and simultaneously to determine whether it had an effect on the sub-group of families who participated in the PEEP weekly sessions. Outcome results in favour of the intervention were found for parents and for children’s progress in language and early literacy skills, both at community and sub-group level. The study is located within a discussion of social exclusion, the potentially mediating influence of education and the accessibility of literacy skills to intervention and change. [ABSTRACT FROM AUTHOR] DOI: 10.1080/03054980701476477. (AN: 27009871)

Subjects: EDUCATION; COMMUNITIES; PARENT & child; UNDERACHIEVEMENT; LITERACY; LANGUAGE & languages; FAMILIES; SELF-esteem; PEERS

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9.

Educational psychology and the effectiveness of inclusive education/mainstreaming.

By: Lindsay, Geoff. British Journal of Educational Psychology. Mar 2007, Vol. 77 Issue 1, p1-24. 24p. Abstract: Background. Inclusive education/mainstreaming is a key policy objective for the education of children and young people with special educational needs (SEN) and disabilities. Aims. This paper reviews the literature on the effectiveness of inclusive education/mainstreaming. The focus is on evidence for effects in terms of child outcomes with examination also of evidence on processes that support effectiveness. Samples. The review covers a range of SEN and children from preschool to the end of compulsory education. Method. Following an historical review of evidence on inclusive
education/mainstreaming, the core of the paper is a detailed examination of all the papers published in eight journals from the field of special education published 2001-2005 (N = 1373): Journal of Special Education, Exceptional Children, Learning Disabilities Research and Practice, Journal of Learning Disabilities, Remedial and Special Education, British Journal of Special Education, European Journal of Special Needs Education, and the International Journal of Inclusive Education. The derived categories were: comparative studies of outcomes; other outcomes studies; non-comparative qualitative studies including non-experimental case studies; teacher practice and development; teacher attitudes; and the use of teaching assistants. Results. Only 14 papers (1.0%) were identified as comparative outcomes studies of children with some form of SEN. Measures used varied but included social as well as educational outcomes. Other papers included qualitative studies of inclusive practice, some of which used a non-comparative case study design while others were based on respondent’s judgements, or explored process factors including teacher attitudes and the use of teaching assistants. Conclusions. Inclusive education/mainstreaming has been promoted on two bases: the rights of children to be included in mainstream education and the proposition that inclusive education is more effective. This review focuses on the latter issue. [ABSTRACT FROM AUTHOR] DOI: 10.1348/000709906X156881. (AN: 24519626)

Subjects: PSYCHOLOGY — Research; CHILDREN with disabilities — Education; CHILDREN’S rights; MAINSTREAMING in special education; INCLUSIVE education; TEACHERS — Attitudes; TEACHERS’ assistants; PERIODICALS in education; EDUCATIONAL publishing

Cited References: (111) Times Cited in this Database: (48)
PDF Full Text (196KB)

10.

Professional capacity and organizational change as measures of educational effectiveness: assessing the impact of postgraduate education in Development Policy and Management.

Academic Journal

By: Johnson, Hazel; Thomas, Alan. Compare: A Journal of Comparative Education. Sep2004, Vol. 34 Issue 3, p301-314. 14p. Abstract: We tend to measure educational performance by students’ attainment in coursework or examinations. In the case of professional education, the impact of the educational programme on the students’ own capacities to enhance their work practices, and the wider organizational effects of the students’ education and training, are also key ‘products’ of the educational process. This is particularly important with education for Development Policy and Management (DPAM), which is directly concerned with capacity-building. This article adopts a work-related approach to educational effectiveness and examines four professional programmes in DPAM—three in Southern Africa and one in the UK. Through the analysis of the results of surveys and case studies, the article demonstrates how a positive learning experience is related to the application of learning at work. However the conditions for applying learning also depend strongly on organizational context, as do the wider organizational impacts of learning. The article presents a broad approach to assessing educational effectiveness in professional programmes which incorporate these factors. [ABSTRACT FROM AUTHOR] (AN: 14361197)

Subjects: EDUCATIONAL planning; STUDENTS; EXAMINATIONS; PROFESSIONAL education; EDUCATIONAL programs; LEARNING

Cited References: (21)
PDF Full Text (301KB)

11.

The impact of multifaceted educational structuring on learning effectiveness in a surgical clerkship.

Academic Journal

By: Van Der Hem-Stokroos, H. H.; Daelmans, H. E. M.; Van Der Velst, C. P.; Harmon, H. J. Th.; Scherpiber, A. J. J. A. Medical Education. Aug2004, Vol. 38 Issue 8, p879-886. 8p. 4 Charts. Abstract: Various measures have been introduced to enhance learning experiences in clerkships, generally with limited success. This study evaluated the impact of a multifaceted approach on the effectiveness of learning in a surgical clerkship. In accordance with results obtained in continuing medical education, several interventions were introduced simultaneously. We compared students’ evaluations of the traditional surgical clerkship with those of the restructured clerkship. Two consecutive cohorts of students were asked to complete a questionnaire about the quality and quantity of their learning experiences. Cohort 1 (n = 28) undertook the traditional clerkship and cohort 2 (n = 72) the restructured clerkship. A Mann–Whitney test was used to compare outcomes between the 2 cohorts. There were few statistically significant differences between cohorts 1 and 2. Overall, quality indicators did not differ between the 2 cohorts. A short-term multifaceted intervention led to a slight increase in the performance of clinical skills and a slight decrease in time spent on activities of limited educational value. The intervention may have been too brief to produce substantial effects. Future interventions should also target teachers, including trainees, in order to assess their opinions and address their educational needs. [ABSTRACT FROM AUTHOR] DOI: 10.1111/j.1365-2929.2004.01899.x. (AN: 13879696)

Subjects: EDUCATIONAL evaluation; MEDICINE — Study & teaching; CLINICAL clerkship; LEARNING; STUDENTS — Rating of; MEDICAL education

Times Cited in this Database: (4)
PDF Full Text (99KB)

12.
A Cost-Effectiveness Model for the Assessment of Educational Productivity.

By: Catterall, James S. New Directions for Higher Education. Fall98, Issue 103, p61. 24p. Abstract: Describes the techniques used to assess productivity in colleges and universities. Issues surrounding productivity in higher education; Definitions of cost analysis; Techniques of cost-benefit and cost-effectiveness analysis; Educational productivity initiative at Worcester Polytechnic in Worcester, Massachusetts. (AN: 9478113)

Subjects: EDUCATIONAL productivity; HIGHER education

PDF Full Text (186KB)

13.

Educational foundations for environmental effectiveness.

By: Elms, David. European Journal of Engineering Education. Jun97, Vol. 22 Issue 2, p183. 9p. Abstract: Discusses the education of environmentally effective engineers. Findings during the workshop of Association for Engineering Education for Southeast Asia and the Pacific (AEESEAP) on August 1994; Three steps or phrases conducted during the workshop; Effective engineer study. (AN: 9709120548)

Subjects: ENGINEERING -- Study & teaching

HTML Full Text PDF Full Text (642KB)