1. Protective environments and quality education in humanitarian contexts
   Aguilar, Pilar paguilar@unicef.org
   Abstract: This paper reflects the experience of the authors working in the field of humanitarian education during the last two decades. Important changes have been witnessed since the Central American crises of the seventies, the refugee focus of the eighties and the new UN vision of the complex emergency crisis of the nineties resulting from the post Cold War scenarios of humanitarian calamity. Using some selected case studies (Colombia, ...

2. Numeracy and Communication with Patients: They Are Counting on Us.
   Apter, Andrea apter@mail.med.upenn.edu
   Patient-centered interactive communication between physicians and patients is recommended to improve the quality of medical care. Numerical concepts are important components of such exchanges and include arithmetic and use of percentages, as well as higher level tasks like estimation, probability, problem-solving, and risk assessment - the basis of preventive medicine. Difficulty with numerical concepts may impede communication. ...

   Aunio, Pirjo pirjo.aunio@nmi.fi
   This research investigated the similarities and differences between countries in young children's early numeracy skills related to age, culture, and gender. The participants were five-year-old children from Beijing (People's Republic of China), England, and Finland. The rationale for the cross-cultural comparison originates from research results with older children showing that Asian children outperform children from America or ...

4. The transmission of numeracy: integrating reckoning in Protestant North-German elementary education (1770-1810).
   Bullynck, Maarten 1 Maarten.Bullynck@kuttaka.org
   With the introduction of arithmetic as a compulsory part of the elementary school curriculum in late eighteenth- and early nineteenth-century Germany, textbooks and pedagogical methods were wanted. Relying on the traditions of the Rechenbucher and informed by the demand for method found in Wolffian style advanced textbooks, the first generation of elementary school reformers (1770-1800) rewrote and reordered these texts to that end. ...

   Zebian, Samar 1 samar.zebian@lau.edu.lb
2008 The study of everyday numeric thinking in adults directs our attention to several aspects of number cognition that have received almost no attention in the experimental cognitive science literature, namely the influences of socially situated artifact use on numeric processing. The current studies explore numeral recognition and conceptualisation processes in business people who engage in different types of numeracy practices; orally based ...
There are two different conceptions of the innate basis for numerical abilities. On the one hand, it is claimed that infants possess a 'number module' that enables them to construct concepts of the exact numerosities of sets upon which arithmetic develops (e.g. Butterworth, 1999; Gelman & Gallistel, 1978). On the other hand, it has been proposed that infants are equipped only with a sense of approximate numerosities (e.g. ...
Objective: To evaluate the ability of six graph formats to impart knowledge about treatment risks/benefits to low and high numeracy individuals. Methods: Participants were randomized to receive numerical information about the risks and benefits of a hypothetical medical treatment in one of six graph formats. Each described the benefits of taking one of two drugs, as well as the risks of experiencing side effects. Main outcome variables ...

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19 LETTERS.
Lewis, David 1
Two letters to the editor are presented in response to articles “Truthfulness and Personal Disclosure in the Physician-Patient Relationship,” by doctor Abha Agrawal and “Does Lower Diabetes-Related Numeracy Lead to Increased Risk for Hypoglycemic Events?,” by doctors Kerri Cavanaugh and Russell L. Rothman.

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20 Chop chop.
Cullen, Kate 1
Times Educational Supplement 9/5/2008 Issue 4804, special section 2 p6-6 2008
The article describes a lesson plan for teaching numeracy. The lesson plan was inspired by teaching kung fu and asks students to move their bodies in conjunction with commands given by the teacher, such as parallel, perpendicular, horizontal, and vertical. Each command corresponds to a particular action, chosen by the teacher and the class.

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21- Will large-scale assessments raise literacy standards in Australian schools?
Mills, Kathy A.
2008
In May, 2008, one million students across 9,000 Australian schools participated in
the new National Assessment Program -- Literacy and Numeracy. Large-scale
assessments are central to discussions of education in politics and the media, and
impact the lives of educators, teachers, students, and parents. This article examines
issues at the centre of the standards debate in Australia and globally. [ABSTRACT
FROM AUTHOR] Copyright of ... Academic Search Premier(EBSCO)

22- Untitled.
Coryton, Demitri
2008
The article presents an update on the activity of the parliament and government of
Great Britain. A number of amendments were accepted by the British government
without a vote. The National Institute of Adult Continuing Education (NIACE) has
launched a national numeracy campaign aimed at helping adults who struggle with
numbers. It provides an overview of several parliamentary debates on higher
education.

23- The 'universal' child in local contexts.
Munn, Penny
2008
The article discusses various topics published within the issue including one by Larry
Prochner, Ailie Cleghorn and Nicole Green on the demonstration of ways in cultural
values and beliefs in education, Pirjo Aunio, Carol Aubrey, Ray Godfrey, Yuejuan
Pan and Yan Liu on the discussion of the difference in numeracy skills and Choi Wa
Dora Ho on assessing quality in Hong Kong preschools.

24- The influence of symmetry on the probability of assembly pathways for icosahedral
viral shells.
Bona, Miklos
Computational & Mathematical Methods in Medicine Sep 2008, Vol. 9 Issue 3/4,
p295-302
2008
This paper motivates and sets up the mathematical framework for a new program of
investigation: to isolate and clarify the precise influence of symmetry on the
probability space of assembly pathways that successfully lead to icosahedral viral
shells. Several tractable open questions are posed. Besides its virology motivation,
the topic is of independent mathematical interest for studying constructions of
symmetric polyhedra. ...

25- Learners, tutors and power in adult literacies research in Scotland.
Tett, Lyn
2008
This paper explores the discourses of power in adult literacy and numeracy (ALN) teaching and learning that were highlighted through the processes of accessing and gaining the views of ALN learners for a research project on the quality of learning and teaching. It details the problems encountered in gaining access to this group of learners and discusses how they are rooted within the discourses of power and deficit that permeate ALN ...

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26 Sexual Behavior, Pregnancy, and Schooling Among Young People in Urban South Africa.
Marteleto, Leticia 1
This study examines transitions in schooling, sexual activity, and pregnancy among adolescents and young adults in urban South Africa. Data are analyzed from the Cape Area Panel Study (CAPS), a recently collected longitudinal survey of young adults and their families in metropolitan Cape Town. We find that teen pregnancy is not entirely inconsistent with continued schooling, especially for African (black) women. More than 50 percent of ...

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27 Motor impairment and low achievement in very preterm children at eight years of age.
Wocadlo, Crista crista.wocadlo@email.cs.nsw.gov.au
Abstract: Aim: To examine the concurrence of motor impairment and academic underachievement in a group of very preterm children at 8 years of age. Methods: All surviving children with a gestational age less than 30 weeks, admitted to the neonatal intensive care unit between 1987 and 1997, were prospectively enrolled in developmental follow-up. Children with a neurosensory disability or a low intelligence score (FSIQ<=75 points) were ...

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28 The evolving concept of health literacy
Nutbeam, Don d.nutbeam@usyd.edu.au
Abstract: The relationship between poor literacy skills and health status is now well recognized and better understood. Interest in this relationship has led to the emergence of the concept of health literacy. The concept has emerged from two different roots - in clinical care and in public health. This paper describes the two distinctive concepts that reflect health literacy, respectively, as a clinical "risk", or a personal "asset". ...

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29 Beyond 'blaming the victim' and 'standing in awe of noble savages': a response to "Revisiting Lave's 'cognition in practice'",
Carraher, David 1 david_carraher@terc.edu
Everyday Mathematics has contributed in important ways to long-standing debates about mathematical concepts, symbolic representation, and the role of contexts in thinking--the latter topic reaching back at least as far as Kant's notion of scheme. The descriptive work plays a role, of course. But it is only by making sense of the observations that science moves forward. If over time the expression Everyday Mathematics drops from usage, ...

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30 Practice effects on strategy selection and strategy efficiency in simple mental arithmetic.
Imbo, Ineke 1 Ineke.Imbo@UGent.be
Two experiments were conducted to investigate the effects of practice on strategy selection and strategy efficiency in mental arithmetic. Participants had to solve simple addition or multiplication problems, after having received 0, 3, or 6 practice sessions (Experiment 1), and before and after having received 3 practice sessions (Experiment 2). Strategy selection was measured by means of trial-by-trial strategy reports, whereas strategy ...

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