

APPLICATIONS ORIENTED MATHS AND THE LOOK + SEE POSTER SERIES

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Abstract

The Applications Oriented Mathematics project has be re-fashioned over the years to meet the needs of various adult client groups. There has been a particular emphasis on content, pedagogy and assessment. These aspects are detailed.

The project has spawned a number of interesting innovations and some of these are displayed e.g. the Look + See Poster Series.

Summary

The Applications Oriented Mathematics (AOM) project was started in 1979, and is an on-going collaboration between the statutory county-based education authority, Tipperary (NR) Vocational Education Committee and the Centre for Advancement of Mathematical Education in Technology (CAMET (Ireland)) at the University of Limerick. The AOM programme was developed as a lighthouse programme for upper secondary school pupils who intended to go directly from school to work. From the outset the AOM programme attracted a variety of adult user groups in formal and informal education settings.

New demands have been placed on the AOM programme in recent years. These are concerned mainly with issues related to adult learners. Adults learning mathematics is now the principal focus of a re-conceptualised programme. Three lines of development have evolved and continue to receive attention. These are adult oriented learning systems, numeracy assessment and posters

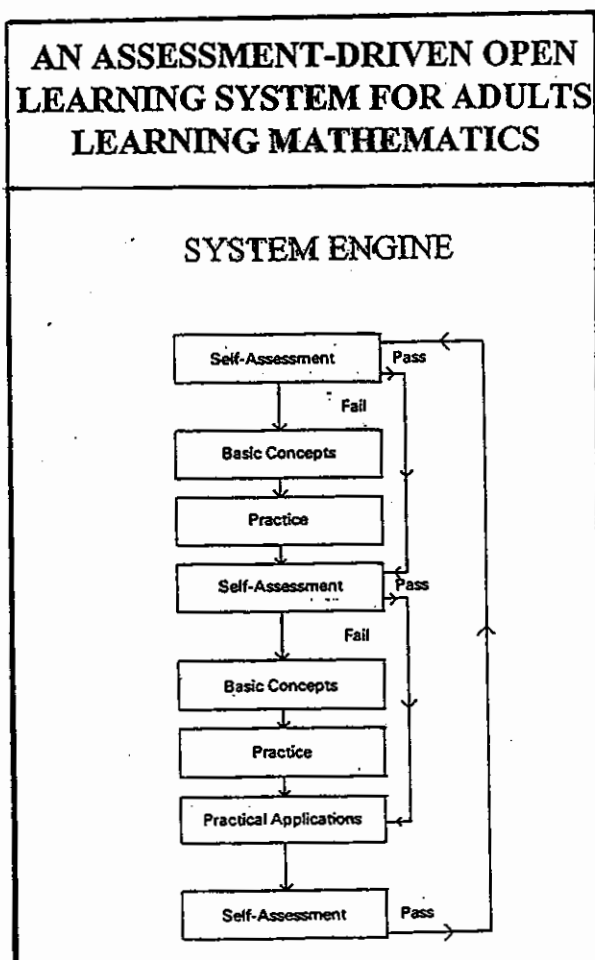


Fig. 1.

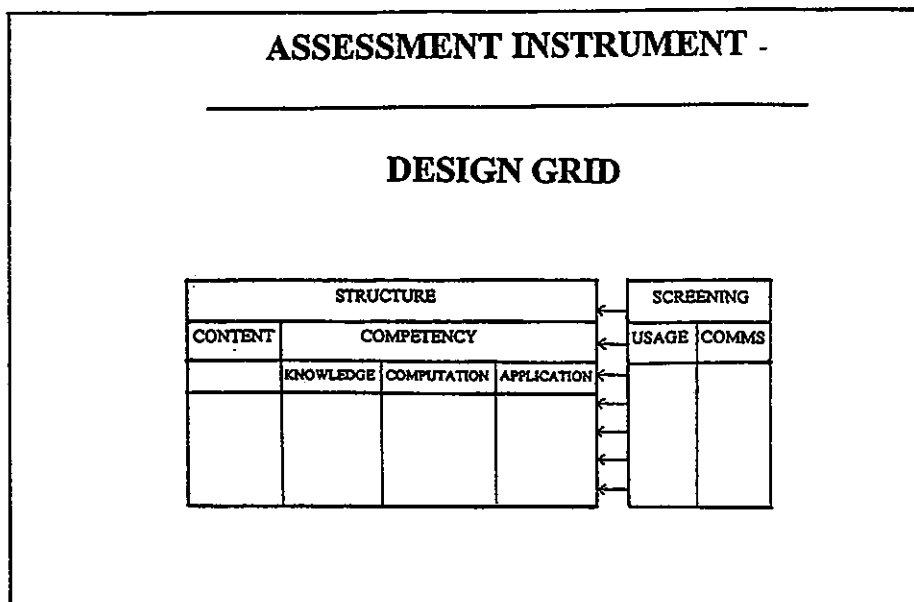


Fig. 2

Finally, most of the important aspects of this new work are integrated into a text-based open learning system which is due for publication in Spring 1998. Figure 1 shows the pedagogical basis for the engine for the AM open learning system. An innovative design grid for a numeracy assessment instrument is featured in Figure 2. A reduced black and white copy of one of the colour Look and See Poster Series is given in Figure 3

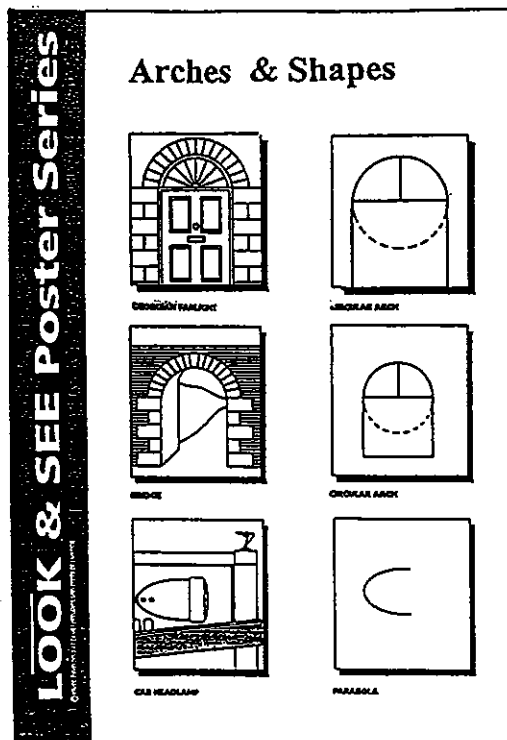


Fig. 3