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Smart online assessments for teaching mathematics.

Math. Teach. (Derby) 235, 10-15 (2013).

Summary: The authors outline the rationale, design and potential impact of an online resource. Assessment is 'part and parcel' of mathematics teaching. Teachers make assessments as they interact with students in many ways and in a variety of formats and media. The best assessment has a diagnostic element within its functionality. It is important for assessment to be reported upon within the shortest possible timeframe. Technology can enable sophisticated assessment to be engaged with and reported upon swiftly, and in the classroom. Here is an example of sophisticated online assessment that is available to all teachers ... now. Just reach for your tablet, or laptop.

Classification: D63 D73 U73

Keywords: analysis of learning outcomes; computer as educational medium; educational software; online tests; educational diagnosis; achievement measurement; smart tests; learning objectives; student errors; misconceptions; developmental stages; teaching suggestions; lower secondary