



Science Interactive Assessment CD-ROM for Hodder Murray

## Making testing times history for teachers

Hodder Murray is part of Hodder Headline, which provides high-end text and reference material to meet the latest curriculum needs in England, Wales, and Northern Ireland. Hodder Murray was formed when Hodder & Stoughton Educational merged with John Murray in 2002. While Hodder Murray contributes a comprehensive range of resources to Curriculum Online, Hodder & Stoughton is one of Britain's leading publishers of books and related materials. Together, they provide quality content, assessment tools, and educational services in diverse media.

### THE NEED FOR E-LEARNING

For teachers catering for the Key Stage 3 (Year 7, 8, and 9) in the age group of 11–14 years, setting interesting assessments can be a daunting task. Recognizing this need, Hodder Murray wanted to provide teachers with a unique and totally interactive way of setting assessments. The challenge lay in creating an assessment program that eliminated the inconvenience—and the errors—of marking paper tests manually and analyzing results.

### HOW OUR SOLUTION HELPED

Tata Interactive Systems created a fun, interactive testing system that helped the give accurate and detailed diagnostic feedback on pupils' progress, covering all formative and summative assessment needs. An intelligent deployment of features like the formative and summative assessments, user creation module, reporting module, and administration tools helped break the monotony and tedium of assessments, making them imaginative and thus reducing the stress on teachers and students alike. The program made it easy to:



**Tata Interactive Systems designed a Science Interactive Assessment CD-ROM for Hodder Murray to enable teachers of Key Stage 3 pupils set interactive assessments. Not only did the CD eliminate the inconvenience of manually marking paper tests and analyzing results, it made for more accurate evaluations too.**

- Create class / teacher / student modules.
- Develop customized assessments.
- Administer assignments.
- Generate as many as 100 different types of reports, based on UK Education standards.
- Print assessments.

The Interactive Assessment CDs provided two distinct assessments—summative and formative.

Summative assessments provided interactive tests for pupils throughout the Hodder Science course, with a test for each unit of the course. The teacher obtained diagnostic feedback for individual pupils and the class across each test and a series of tests.

The summative section provided a wide variety of interesting question types and twelve new, totally interactive, end-of-unit tests. With a sophisticated, detailed, easy-to-understand reporting system, and the ability to edit questions and create customized tests from the bank of questions, or print tests for absent pupils to complete later, the resource proved to be a real lifesaver for teachers!

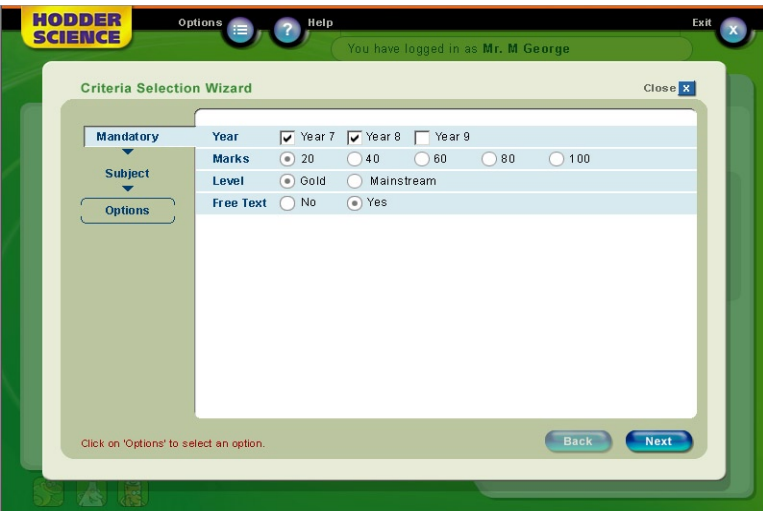
Formative assessments, graphically rich mini-simulations providing questions and activities on the topics within the course, gave instant feedback to the pupil on each question attempted. The formative section provided a true assessment of learning, and also allowed home access to the activities on a free Web site. The formative area included six completely interactive activities on specific problematic areas and activities that provided instant feedback to help pupil's progress. It was packed with animations to help enliven individual work as well as classroom teaching in computer labs or on interactive whiteboards.

Some unique features of the solution were:

- Formative Activities (six graphically rich, Interactive exercises)
- Sophisticated, detailed, and easy-to-understand reporting system
- Ability to edit questions and create tests from the bank of questions
- Ability to print the tests and insert absentee pupils answers later
- An ability to cater for pupils of varying abilities
- Convenient tool for teaching various science concepts

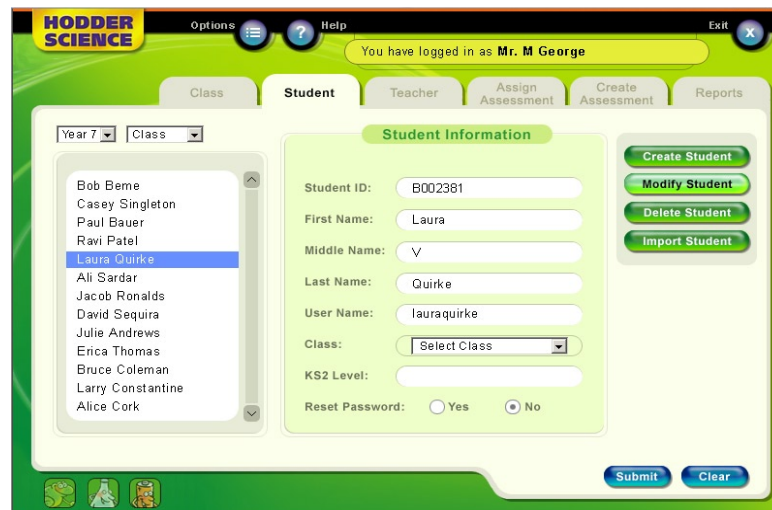
## SOME SAMPLE SCREENSHOTS

The screenshots offer a brief glimpse of the Hodder Murray Science Assessment CD-ROM. To experience some of our products at work, you may view our demos by registering online at [www.tatainteractive.com](http://www.tatainteractive.com).



A detailed assessment of the entire class is an integral part of the program, where teachers track the holistic performance of the class.

Detailed individual assessments enable teachers to track learning effectiveness of individual pupils.



Formative assessments are visually rich, triggering the learning stimulus of pupils and de-stressing teachers at the same time.

