



amandawilsonkennard Using technology, simply

# Moodle for e-Assessment



- Why e-Assessment?
  - Formative, summative or both
- What to assess?
- What do you want to achieve?
  - Increase student practice and retention with module material?
- Which method is appropriate?
- Advantages and issues



# e-Assessment considerations

## Advantages

- Immediate feedback to students & staff
- Rehearsal & revision
- Evaluation of courses strengths & weaknesses
- Can be linked to other computer-based or on-line material

## Issues

- Set-up time
- Misleading clues
- Plagiarism
- Attracts greater scrutiny



# How I Can Help

- Meet to discuss requirements
- E-Assessment options
  - Assessing group work
  - Assessing collaboration (Discussions, blogs and wiki's)
- Assessing individual submissions
  - Quizzes, assignments, projects & coursework



# E.g. Assessing individuals with a Quiz

- Things to think about
  - Types of questions available
  - Constructing questions to illicit the appropriate response
  - Build and add to over time





# Adding questions

The screenshot shows the Moodle Training Course interface. At the top, it says 'Moodle Training Course' and 'Education Made Easy > MTC01 > Edit questions'. Below this is a 'Question bank' section with a 'Category' dropdown set to 'Default for Moodle Training Course (3)'. There are checkboxes for 'Display questions from sub-categories too', 'Also show old questions', and 'Show question text in the question list'. Below these is a 'Create new question' dropdown menu set to 'Choose...' with a yellow question mark icon next to it. A table of questions is visible below, with columns for 'Action', 'Question name', and 'Type'. The table contains three rows of questions: 'Read the description below of a proposed product', 'Backstory of a game', and 'What are scenarios?'. Below the table are buttons for 'Delete', 'Move to >>', and a category dropdown. A help window is open on the left, titled 'Creating a new question', with sections for 'Multiple Choice' and 'Short Answer'. The help window is titled 'Help - Mozilla Firefox' and shows the URL 'http://amanda.webergry.co.uk/moodle/help.php?module=quiz&fil'.

Help for each type

Create new question,  
adding to question  
database

Select questions to include  
in quiz



# Preview and test quiz

The screenshot displays the Moodle Training Course interface. The top navigation bar shows the course path: Education Made Easy > MTC01 > Quizzes > Interactive Design Quiz > Editing Quiz. The user is logged in as amanda kennard.

The main content area is split into two panels. The left panel, titled "Questions in this quiz", shows a table of quiz questions:

Order	#	Question name	Type	Grade	Action
↓	1	Backstory of a game	☰	1	⌂ ⏪ ⏩ ⚙
↑ ↓		Read the description below of a proposed product	☑		⌂ ⏪ ⏩ ⚙
↑	2	What are scenarios?	☰	1	⌂ ⏪ ⏩ ⚙

Below the table, it shows "Total: 2" and "Maximum grade: 10". There are checkboxes for "Show page breaks" and "Show the reordering tool", and a "Go" button.

The right panel, titled "Preview Interactive Design Quiz", shows the quiz attempt interface. The question is: "The backstory of a game is:". The user has selected options b and c, which are marked as incorrect (X) and correct (✓) respectively. The correct answer is c. The user has submitted the answer, and the system has marked it as incorrect, awarding 0/1 marks.

The next question is: "Read the description below of a proposed product Subject area :". The options are:

- PSHE with cross curricular opportunities
- Age range : 7 – 9 years

The description for the product is: "Meerkat World is a 'learning space' supporting PSHE ( Personal Social and Health Education ) learning through activities, tools, aid(e)s (sic), stories. Meerkat World by the adoption and nurturing of a chosen Meerkat character – very much in a Tamagochi mode. The character is however much more than Tamagochi. It has the user interact largely through dialogue driven exchanges. Meerkat School would be Individual Meerkat. Give brief scenarios for use of the above educational software environment for:"

1. A sole user at home
2. A group of children in the classroom



# Support

- Address your individual or department requirements
- Illustrate what's available
- Provide training and support
  - Guides, 1-1, phone
  - Demonstrate best practice
  - Workshops & hands-on
  - Showcases



# Future considerations

## Provision of Formative Feedback in Moodle

Specification &  
International Standards

*"An organisation needs to use an approach which is unambiguous, easily understood, easily transmitted and as compact as possible. It makes commercial sense for the buyer to spend time, effort and money to ensure specifications can not be misunderstood"*  
CIPS

◀ Slide 4 of 8 ▶





# References

## JISC Infonet

- E-Assessment Considerations: Advantages & Disadvantages
- Effective Use of VLE's: e-Assessment

Miller, A., Imrie, B. and Cox, K. (1998). *Student Assessment in Higher Education*. Kogan Page