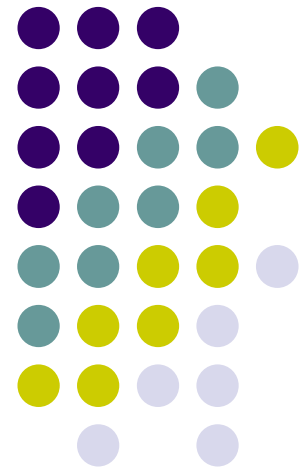


Using Moodle Quizzes

Morag Munro

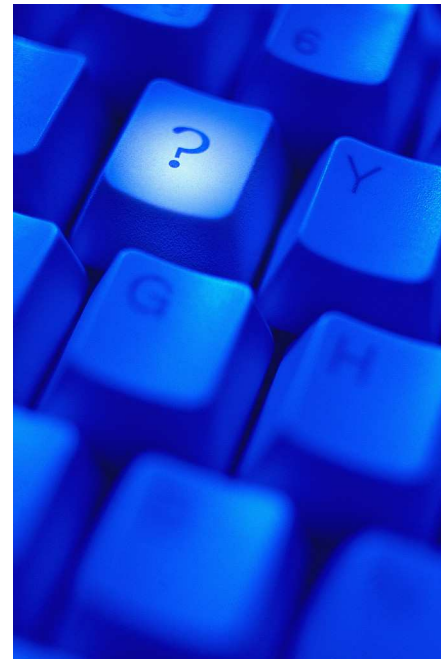
Learning Innovation Unit

DCU



Today's session

- Introduction to Moodle quizzes
- Demo
- “Hands on” tasks



How can you use moodle quizzes?



- Diagnostic tests
- Self assessment/formative assessment
- Summative assessment

Advantages: Administrative



- Choice of time and/or place in taking quizzes
- Reduce time spent on face-to-face feedback/marking
- Can quickly assess large groups
- Question banks
- Statistical analysis

Advantages: Pedagogic



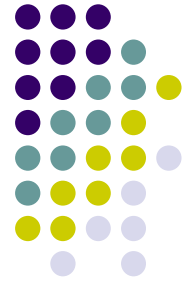
- Monitor progress
- Identify problem areas
- Can incorporate multimedia
- Detailed, specific, immediate feedback
- More frequent assessment
- Possible to assess range of learning outcomes

Disadvantages



- Writing good questions can be time consuming
- Testing higher order skills is difficult (but not impossible!)
- Security and cheating

Features of Moodle quizzes




- Several question types: Multiple choice, Matching, True/False, Short answer, Calculated etc.
- Organize questions in banks
- Randomly generate quizzes from question banks
- Choose to open/close the quiz at specified times
- Choose number of attempts
- Tailor how questions are scored
- Choose if, how and when feedback is provided


Anatomy of a quiz question





What is the name of DCU's Virtual learning Environment?

Choose one answer.

 Google

 Noodle

 Moodle

 Poodle




Stem

Correct answer

Distracters



Tips for writing questions

- Align questions with intended learning outcomes
- Try to keep question stems/possible answers clear and concise
- Avoid providing unintentional clues 
- Distracters should be plausible and aligned with common misconceptions/errors
- Ensure that choices are grammatically consistent with the question stem (read aloud to check)
- Correct answers should be *unambiguously* correct 
- Avoid using negatives question stems, or highlight negative words clearly 
- Use “All of the above” and “None of the above” sparingly
- Get students to design quiz questions

**Avoid using negatives in question stems,
or highlight negative words clearly**



"Which one of the following is NOT an inert gas?"

- A. Helium
- B. Oxygen
- C. Neon



Avoid providing unintentional clues



A group of islands is called an

- A. peninsula
- B. archipelago
- C. moraine
- D. polder

A group of islands is called:

- A. A peninsula
- B. An archipelago
- C. A moraine
- D. A polder



Correct answers should be *unambiguously* correct



Which of the following represents the pinnacle of modernist achievement?

- A. The Waste Land
- B. Middlemarch
- C. Ode to a Nightingale
- D. Ulysses
- E. Ethan Frome

