

What can we do?

Check for students' preparedness for your course

Low-stakes pretest

Ask students to assess their knowledge

Pre-Testing for Prior Knowledge

Purpose of pre-testing for prior knowledge:

- Determine gaps in understanding & misconceptions
- Activate appropriate prior-knowledge

Pre-Test Implementation

- Administer pre-test 1st week of course or unit
- Assess results quickly & address implications

Types of Pre-Test Questions

- Determine types of prior content knowledge
- Questions tailored to type of knowledge

Finding or Making a Pre-Test for Your Course

- Many pre-tests are available online
- Make your own pre-test for prior knowledge

After You Assess the Pre-Test Results

- Determine misconceptions or gaps in understanding
- Action Plan to address the prior knowledge deficits?
- Discuss the results with your class

Prior Knowledge Pre-Test Outcomes

- Address prior-knowledge deficits
- Allows course changes & curriculum planning
- Science of learning research shows benefits

Combining Pre-Tests & Post-Tests

- Identify how effectively students are learning
 - Integrating prior knowledge with course concepts
 - For formative use (guide future course teaching)

Thank you for joining us!

- Questions about pre-tests?
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Questions?
Comments?