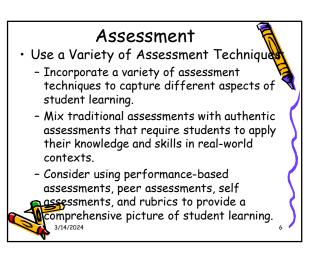


Assessment of student learning outcomes

- Assessment of student learning outcomes is a critical component of the teaching and learning process, helping educators gauge the effectiveness of their instruction and students' mastery of course content.
- Here's a guide to assessing student learning outcomes effectively:





Assessment

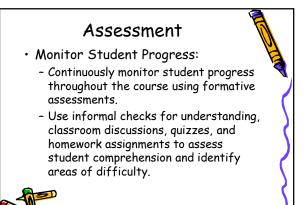


- Provide Timely and Constructive Feedback:
 - Offer timely and constructive feedback to students on their performance.
 - Feedback should be specific, actionable, and focused on helping students understand their strengths and areas for improvement.
 - Use a mix of written feedback, verbal feedback, and peer feedback to support Student learning and growth..

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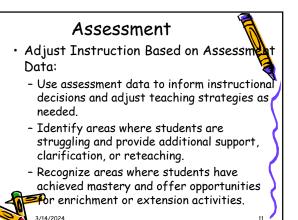
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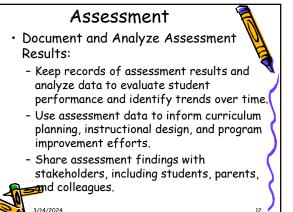
Assessment Use Rubrics and Grading Criteria: Develop clear and transparent rubrics and grading criteria to evaluate student work

- Clearly communicate expectations to students and provide criteria for assessing their performance.
- Rubrics help standardize assessment and ensure consistency and fairness in grading.



Assessment • Promote Student Engagement in Assessment: - Involve students in the assessment process

- Involve students in the assessment process by incorporating self-assessment and peer assessment activities.
- Encourage students to reflect on their own learning progress, set goals, and monitor their performance.
- Peer assessment fosters collaboration, communication, and critical thinking skills.



Assessment

- Reflect on Assessment Practices:
 Reflect on your assessment practices regularly and seek feedback from
 - students and colleagues.
 Evaluate the effectiveness of assessment methods in measuring student learning outcomes and make adjustments as needed to improve teaching and learning.

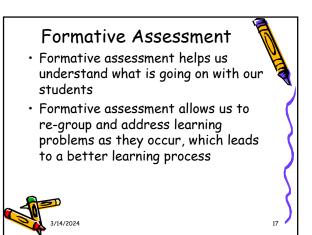


Formative Assessment Formative assessment occurs throughout a course or lesson and serves as a "check point" for student learning throughout the discussion of a topic It is often not graded and done anonymously

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- Diagnostic Assessment- can help you identify your students' current knowledge of a subject, their skill sets, and capabilities, and to clarify misconceptions before teaching takes place.
- Knowing students' strengths and weaknesses can help you better plan what to teach and how to teach it



Summative Assessment

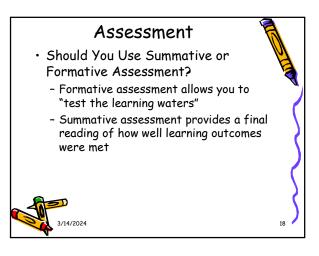
- Summative assessment typically takes place after we believe student learning has taken place (e.g., final exams, research papers, etc.),
- when it is too late to make adjustments to teaching methods, etc.
- Summative assessment evaluates and/or grades the final outcome, rather than

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process, of student learning

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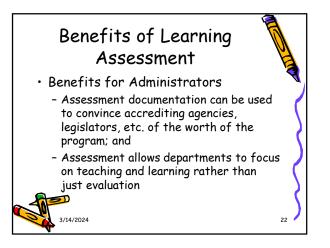
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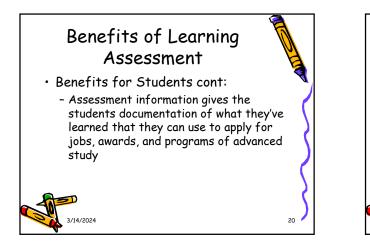


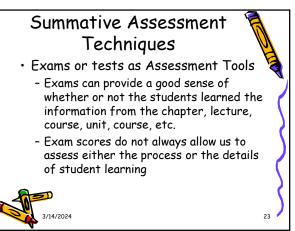
Benefits of Learning Assessment • Benefits for Students

- Clear expectations and stated learning goals help students know what they need to do for assignments, etc. (e.g., grading rubrics)
- Assessment focuses on providing feedback, which helps students understand the strengths and weakness of their work

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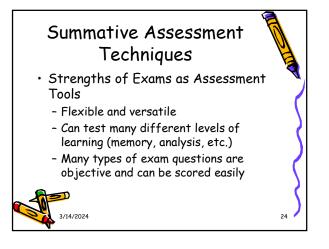


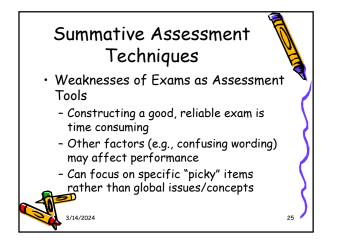
Benefits of Learning Assessment • Benefits for Faculty

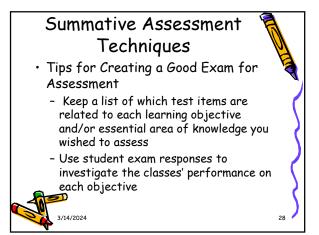
- Assessment activities bring faculty together to discuss important issues such as their standards and expectations for different courses in their program
 Positive assessment results can be used
- as compelling evidence of the quality of their teaching when they apply for tenure, promotion, and salary increases

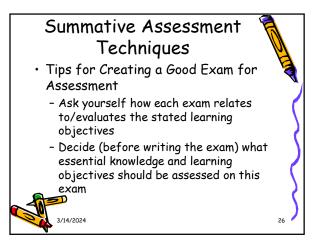
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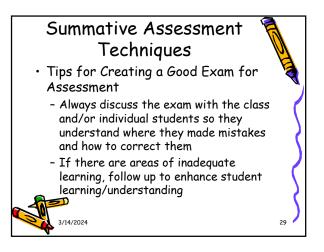
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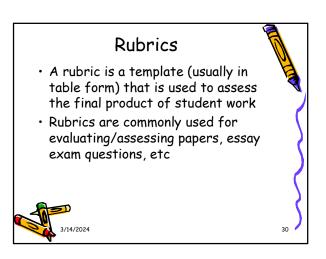


Summative Assessment Techniques

- Tips for Creating a Good Exam for Assessment
 - Create a list all related knowledge you feel you need to evaluate on this exam (names/dates/events, concepts, definitions, application items, etc.)
 - Create test questions (T/F, multiple choice, matching, matching, essay, etc.) that appropriately test students'
 Anderstanding of this knowledge

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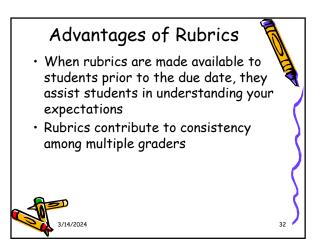
Rubrics

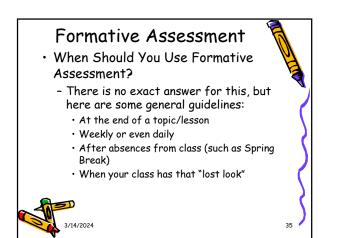
- Rubrics help make the grading of papers, etc. more objective and help keep the assessment of different students' work more consistent
- Rubrics provide specific and detailed feedback for the students

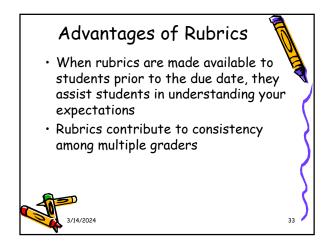


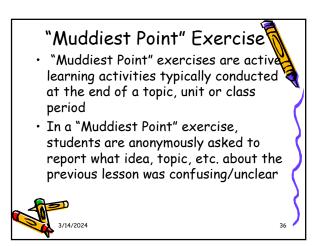
Formative Assessment These types of assessment are relatively easy to work into most class sessions They can be pre-planned or created on the spot, when you feel there is a need to clarify if your students "got it"

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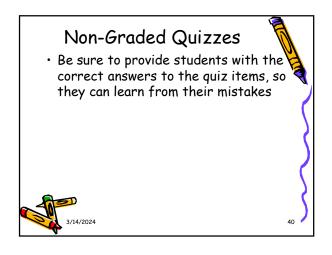








*Muddiest Point" Exercise • After instructors have collected all *Muddiest Point" responses, these are read and analyzed to see what areas of the lesson or assignments students are unclear about



Debriefing a "Muddiest Point" Exercise It is important to provide follow-up and feedback regarding student responses. Here are some ways to do that: Start off the next lecture by clarifying confusing topics Re-teach larger sections of material as necessary Provide simple explanations, etc. on the spurse website

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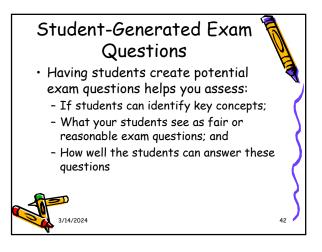
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Student-Generated Exam Questions In this assessment activity, students (either alone, in pairs, or in groups) are asked to generate potential exam questions This helps you assess student learning as well as their expectations for an upcoming exam

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Non-Graded Quizzes Non-graded quizzes can provide great feedback on student learning These are non-threatening and nonpunitive, so students tend to like them Non-graded quizzes can be given in a variety of formats (paper & pencil, questions in a PowerPoint presentation, etc.)

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Student-Generated Exam 🕅 Questions

- Be sure to discuss the answers to each question with the class
- Also discuss with the class which questions are too easy, too hard, or reasonable questions similar to those that they will actually see on the upcoming exam

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