

Item Analysis provides detailed breakdowns of student responses to single-answer multiple-choice questions, offering three critical data points:

- **Distractor Data:** See how students responded to each answer choice, including incorrect options, to uncover patterns in understanding and misconceptions.
- **Overall Percent Correct:** Quickly gauge how well the class performed on each question.
- **Class Review Ready:** Review overall performance across all questions to identify trends and areas needing reinforcement.



Why is Item Analysis Important?

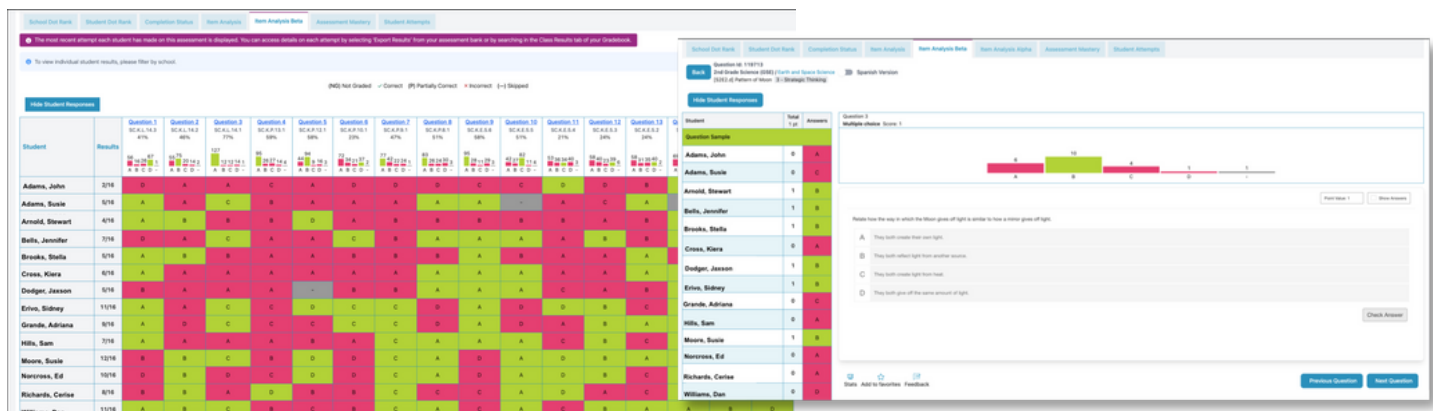
Understanding the "why" behind student performance is key to effective teaching, and Item Analysis equips you with the tools to do just that. By analyzing each question on a test, you can:

- **Identify Problematic Questions:** Spot questions that are too easy, too hard, or confusing, and adjust them for future assessments.
- **Improve Test Quality:** Ensure your assessments reliably measure learning objectives by analyzing which questions contribute meaningfully to overall understanding.



How Item Analysis Empowers Teachers

- **Pinpoint Learning Gaps:** Distractor data shows where students are getting tripped up, enabling you to address misconceptions with precision.
- **Evaluate Question Effectiveness:** Metrics like Overall Percent Correct and the Distractor Rationale help you determine whether your questions are appropriately challenging and differentiate between varying levels of student understanding.
- **Instantly Adapt Instruction:** With clear and immediate insights into what students know—and where they struggle—you can adjust your teaching on the spot to meet their needs.



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