

Check for student understanding



Why is it important to check for student understanding?

RESEARCH ON FORMATIVE ASSESSMENT

Regularly checking for student understanding has positive outcomes on student learning and development by:

- Building metacognition, reflection, and ownership
- Boosting motivation, engagement, and confidence
- Identifying learning gaps and guides feedback
- Supporting executive functioning and deeper learning
- Reducing anxiety with low-stakes, ongoing assessment

HOW TO CHECK FOR UNDERSTANDING

Research shows that adopting a student-centered approach allows educators to check for student understanding. Some ways to do this are:

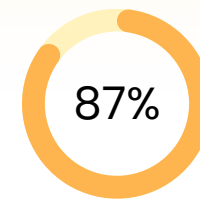
- Use performance tasks like projects and presentations
- Incorporate regular low-stakes quizzes and games
- Engage students in group and whole-class activities
- Include problem-solving with frequent check-ins
- Use surveys, questionnaires, and interactive digital tools
- Offer varied formats for demonstrating learning
- Encourage self-assessment with structured reflection



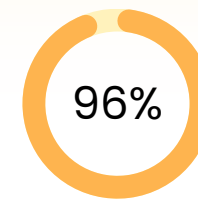
How do educators use their insights into student understanding?

In a user survey, educators across all grades confirmed that they use Lumio™ by SMART to check for student understanding.

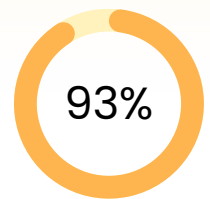
They use this insight to:



Provide real-time feedback



Provide practice opportunities



Adjust lessons on the go

When asked which Lumio features they use frequently to check for student understanding, educators highlighted:

Individual Focus	Group Focus
Handouts	Group workspace
Individual game-based activities	Group game-based activities
Response	Whole-class whiteboards
Shout It Out!	Graphic organizers

Lumio features that help check for student understanding in real time



Activity dashboard

Track individual and whole-class performance in real time to quickly uncover common misconceptions.

Adjust instruction based on student performance trends.

Facilitate targeted support for struggling students.

Encourage student reflection by sharing real-time data.

Use response trends to spark conversations, clarify misconceptions, and highlight diverse perspectives.

Activity Dashboard is available with Response, Super Sort, Match 'Em Up, and Rank Order game-based activities



Response

Activate prior knowledge with an entrance ticket.

Use a variety of question types (polling, short answer, multi-select, multiple-choice, opinion, true/false) to check for understanding.

Track student growth over time and differentiate instructions by exporting Response data for reflection and progress monitoring.

Conduct quick pulse checks with multiple-choice or true/false questions to assess understanding on the spot.

Encourage peer learning by having students examine their reasoning in small groups.



Graphic organizers

Have students demonstrate comprehension of events, processes, or story elements with sequencing maps.

Check how well students distinguish between key ideas with Venn diagrams or T-charts.

Have students create mind maps to visually organize their understanding of a topic, revealing connections and gaps.

Track evolving comprehension before, during, and after a lesson with “Know, Want to Know, Learned (KWL)” charts.

Assess understanding of relationships between concepts in various subjects with Cause & Effect diagrams.