

Check for student understanding



Why is it important to check on student understanding?

RESEARCH ON FORMATIVE ASSESSMENT

Regularly checking on 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 guiding feedback
- Supporting executive functioning and deeper learning
- Reducing anxiety with ongoing low-stakes assessment

HOW TO CHECK ON UNDERSTANDING

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

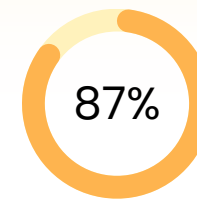
- Use performance tasks like projects and presentations
- Incorporate regular low-stakes quizzes and games
- Engage students in group and whole-class activities
- Include problem solving with frequent check-ins
- Use surveys, questionnaires and interactive digital tools
- Offer varied formats for demonstrating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



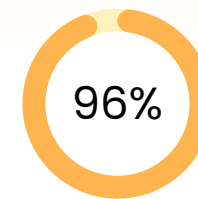
How do educators use their insights into student understanding?

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

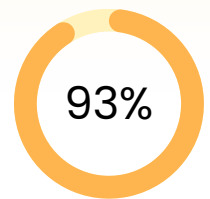
They use this insight to:



Provide real-time feedback



Provide practice opportunities



Adjust lessons on the go

When asked which Lumio features they use frequently to check on 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 organisers |

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 organisers

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 organise 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.