

Accelerating Learning in Math

A Guide to Accelerating Learning and Planning Just-In-Time Supports

Study the math

- Analyze the standard and the curriculum.
 - What are the key skills, concepts and language students will need to be successful with the standard?
 - How are students demonstrating their understanding of the standard? What aspect(s) of rigor is/are being targeted?
- Do the math.
 - What key understandings do students need to demonstrate in order to access the task?
 - What strategies will students need to use to work through the task?

Understand the connections

- What supporting knowledge and concepts will students need to have?
 - Refer to the [Coherence Map](#), curriculum/unit maps and overviews.
 - What key skills, concepts and language will students need in order to engage with this standard?
- What is the right amount of background knowledge that will give students access?
 - What are the simplest forms of the idea(s) students need to know?

Make strategic decisions

- How much information do students need to be successful?
 - How much prerequisite knowledge do students need *right now*?
 - Which lessons need to be prioritized, combined, or eliminated?
- Where are the most appropriate places within the lesson to provide support?
 - During which parts of the lesson does it make sense to spend time building prerequisite knowledge?
 - When, in a unit, is it necessary for students to master grade-level content?
- What are high leverage instructional moves that accelerate learning?
 - What models/tasks will you have them review/practice before engaging with the math in this lesson?
 - What questions will you ask to advance student learning?
 - How will rigor impact your planning?
 - How do your decisions impact culturally and linguistically diverse students?