

Questions to Guide Planning 6-12

The purpose of this guide is to support lesson internalization with Illustrative Mathematics. This is a thinking tool and does not require written responses to the reflection questions below. Use these questions to support your thinking as you annotate the lesson.

About This Lesson

- What is the goal/purpose of this lesson?
- How does this lesson build on yesterday and lead into tomorrow?
- How will you continue to foster a productive and supportive mathematical community?
- How will you support diverse learners throughout all parts of the math block?
- At what points in the lesson will you provide opportunities for students to collaborate and discuss their thinking?

Cool Down

- Solve the cool down. Think about different strategies that could be used.
- What do students need to know and be able to do by the end of the lesson?
- Read the [cool-down guidance](#) (found in each lesson's teaching notes under Cool Down: Responding to Student Thinking). What level of support does the cool down guidance suggest (*more chances*, *points to emphasize*, or *press pause*)?

Warm Up

- What is the purpose of the warm up?
- Anticipate student responses for the warm-up.
- What understandings do students need from the warm up as they transition to the lesson's activities?

Activities

- What is the purpose of the activity?
- Anticipate student responses for the activities.
- What questions will you ask and what directions will you provide to **launch** the activity?
- What student strategies and representations will you look for during the **activity** to select and sequence?
- What understandings need to be built and shared during the **synthesis**?
- What specific supports (Math Language Routines, Universal Design for Learning Strategies, Are You Ready for More activities) will you include or provide for diverse learners?

Lesson Synthesis

- What will you ask and/or do to synthesize the most important new learning from the lesson?

Small Group Instruction

- How will you decide who to include in small group instruction?
- What resources from Illustrative Mathematics will you leverage during SGI?

Practice Problems

- Solve the practice problems.
- What are the anticipated student challenges and questions for today's practice problem?
- What supports will you provide?