Instructional Framework for Mathematics: Tier I Ambitious Math Instruction

Number Sense Routine

Build Procedural Fluency from Conceptual Understanding*



* Frequency can vary in secondary classrooms



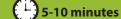
5-12 minutes

-Math Tasks that Promote Reasoning -

Launch: Getting Students Ready for the Task

- Using objectives
- Building background knowledge
- Making sense of the task
- Including visuals
- Supporting EL and struggling learners





Explore: Monitoring Students During Exploration

- Supporting productive struggle
- Posing purposeful questions
- Providing appropriate support
- Noticing students' mathematical thinking
- Providing worthwhile extensions



15-30 minutes

Summarize: Engaging in Purposeful Discussion

- Facilitating discussion
- Using talk moves
- Making connections
- Posing purposeful questions
- Guiding students to reach the math goals



10-20 minutes

Choose Practice Opportunities

Independent Practice



Math Stations/Centers



Tier II: Guided Math Interventions



Information is gathered to guide interventions and determine practice (formative assessment)



