

Teaching and Learning, Division of Numeracy

Supporting a Healthy Core

To support student mastery of standards, educators must implement the full curriculum through strong, healthy core instruction. Every part of each lesson should be included daily, as each element plays a vital role in students' understanding and access to essential content.

Eureka Math ²		
Fluency	8-10 minutes	This quick practice time reviews previously acquired skills that students will use in the day's lesson.
Launch	5-10 minutes	This is an introductory activity to establish the day's learning context, such as a video or a math problem, that activates students' prior knowledge for new learning.
Learn	30-35 minutes	This is the time when new content is introduced. It includes activities such as direct instruction, as well as opportunities for students to engage in independent, group, or partner practice.
Land	5-10 minutes	This includes the debrief and exit ticket. Debrief questions are designed to help students synthesize their learning, while the exit ticket allows them to demonstrate their understanding.

iReady Classroom Mathematics Common Lesson Elements		
Start	5 minutes	Students activate prior knowledge by practicing skills previously learned.
Try It	10-15 minutes	Students work independently to make sense of a math problem and attempt to solve it. Try it allows students to engage in productive struggle and take ownership of their learning.
Discuss It	8-10 minutes	Students share their thinking with a partner. Students have the opportunity to share their mathematical ideas with a partner and hear the thinking of their peers, allowing them to revise their understanding and the teacher to identify any misconceptions that need to be addressed.
Connect It	10-15 min	Students make connections and reflect on what they've learned. After, students apply their learning to a new problem. This is the lesson closure and exit ticket.
Lessons also include section pieces titled Model It, Picture It, and Apply It as needed throughout lessons and sessions.		

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Launch	10-15 min	Students engage in making sense of the math in an introductory task designed to spark curiosity and activate prior knowledge. This component builds students' conceptual understanding and encourages productive struggle.
Visual Learning	10-15 min	The teacher provides direct instruction to students, modeling concepts using examples, explanations, and visuals that support students in making explicit mathematical connections.
Guided Practice	5-10 min	Students engage in teacher-led practice using strategies aligned to the mathematical concepts presented in the lesson. Students solve problems collaboratively and are provided opportunities to explain their thinking. Teachers actively monitor student understanding to immediately address misconceptions and strengthen student understanding before releasing students to work on independent practice problems.
Independent Practice	15-20 min	Students practice applying the mathematics learned to a set of problems.
Close Reflection	3-5 min	Students reflect on the day's learning by responding to prompts in their own words. Students respond to questions and/or engage in discussions to clarify misconceptions and consolidate understanding. An exit ticket is given to students for teachers to determine where students might need additional support.

Illustrative Mathematics

Warm-up	5-10 min	Students activate prior knowledge by recalling and applying previously learned skills that prepare them for the day's learning.
Launch	2-5 min	Teachers introduce the lesson by connecting it to prior learning, providing context, and clarifying the purpose for students.
Activities	20-30 min	Each lesson has 2–3 main activities that build toward the lesson goals, building in complexity from simple to complex. Students are allowed to productively struggle as they work through tasks, explore strategies, and make sense of the problems.
Synthesis/ Discussion	5-10 min	Students engage in whole-group discussion led by the teacher. Students consolidate their learning and clarify misconceptions by reflecting on the strategies developed during the lesson.
Cool-Down	5 min	Students independently complete a brief task to gauge mastery of the day's lesson objectives. Teachers use the data to inform next steps and identify students who need additional support.
Practice Problems	10 min	Practice provides the opportunity for students to build fluency and reinforce the day's learning by helping students practice, problem-solve, and connect to the big math ideas from the lesson. Problems can be completed in small groups, at stations for extra practice, or independently. Select problems can be assigned to students according to their individual needs.