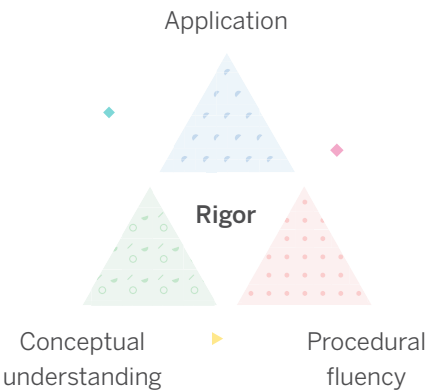


Clean and clear design

Program structure

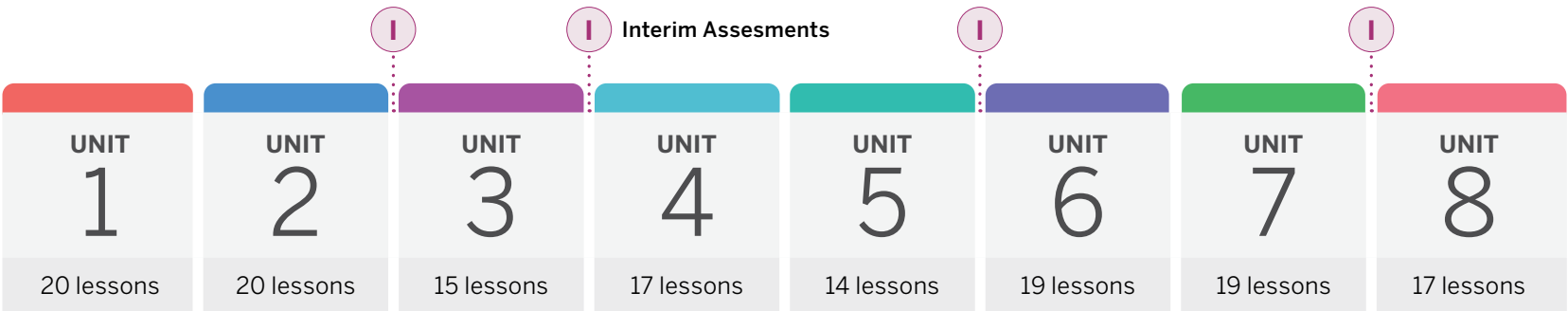
Amplify Math lessons ask students to grapple with relevant and interesting problems and situations. The contexts make sense to them and play to their curious and competitive nature. Whether using the print or digital lessons, teachers have easy-to-use tools that allow them insights into student thinking and opportunities to truly differentiate instruction.

Every unit outlines how the pillars of rigor—conceptual understanding, procedural fluency, and application—will be addressed over the course of each lesson.



Course structure

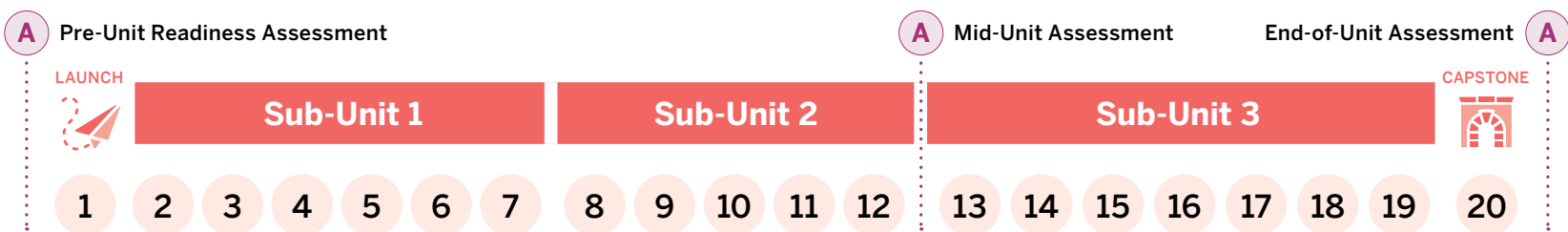
The grades 6–8 courses are made up of eight units each. Algebra 1 includes 6 units.



Note: Interim assessments may be administered according to your district/school’s timeline; this depiction is just one of many possible administrations.

Unit structure

Amplify Math units have been developed around central topics and broken into sub-units addressing compelling historical and modern narratives and stories making math both accessible and relevant. Solving problems in the sub-unit lessons, students develop strategies to build upon prior knowledge and deepen their understanding of mathematical concepts and skills. Teachers have multiple opportunities to assess student understanding, including Pre- and Post-Unit Assessments, Warm-ups, and Exit Tickets.



Note: The number of sub-units and lessons vary from unit to unit; this depiction shows the general structure of a unit.

Lesson structure

Amplify Math grades 6–8 lessons are designed to be completed in 45 minutes, with Algebra 1 lessons completed in 50 minutes.



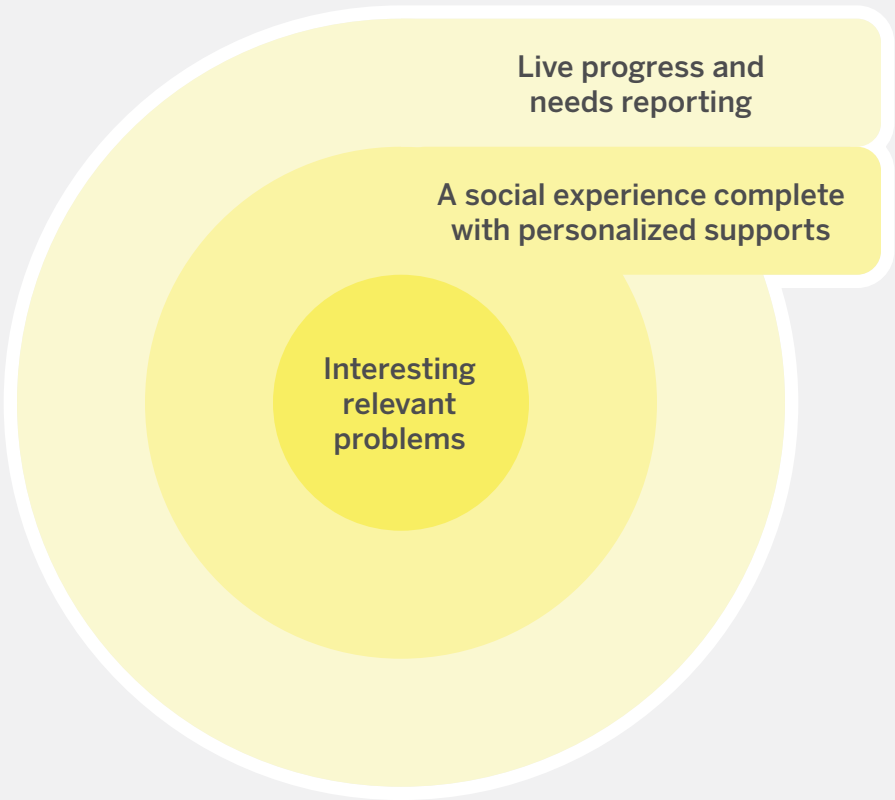
Note: The number of activities vary from lesson to lesson; this depiction shows the general structure of a lesson.

Key:

- Independent
- Pairs
- Small Groups
- Whole Class

Layered lesson design

Sparking and guiding productive classroom discussions doesn't need to feel impossible. Amplify Math provides teachers a layered lesson design with easy-to-follow instructional supports that make implementing productive discourse possible through experiences that tap into the social nature of middle and high schoolers.



Amplify Math lessons are effective because they're multi-layered.

- 1 Interesting, relevant problems:**
By starting with the *Illustrative Mathematics* curriculum IM K–12 Math, an extensively field-tested and highly-rated curriculum, Amplify Math is full of interesting and relevant problems as well as proven teaching strategies. You'll see this in our lessons framed around compelling narratives, from both current and historical contexts.
- 2 A social experience complete with personalized supports:**
By partnering with Desmos, we've been able to bring the IM K–12 Math content alive online. Students are given opportunities to collaborate with one another, and teachers gain better insights into student thinking in real-time. If the teacher chooses to use Power-ups, students are offered personalized supports, based on their recent work in the digital platform, that serve as on-ramps to grade-level content.
- 3 Live progress and needs reporting:**
And when teachers and students work digitally, Amplify Math can offer live progress updates and reporting that outlines student needs and suggested next steps, enhancing the experience for students and teachers.

The Amplify Math lesson model

Amplify Math grades 6–8 lessons are designed to be completed in 45 minutes, with Algebra 1 lessons completed in 55 minutes.

