

8th Grade Math — Week at a Glance

August 24–28, 2026

Monday, August 24, 2026 — 7th Grade Math Pretest

Objective	Students will demonstrate current understanding of prerequisite 7th grade mathematics skills so the teacher can identify strengths, learning gaps, and areas needing review before beginning grade-level instruction.
Louisiana State Standard	Louisiana Grade 7 mathematics standards addressed through diagnostic review, including proportional reasoning, rational-number operations, expressions and equations, geometry, and statistics/probability (7.RP, 7.NS, 7.EE, 7.G, 7.SP).
Bellringer	Spiral Review: 3–5 mixed prerequisite problems to activate prior knowledge and prepare students for the pretest.
Direct Instruction	Explain the purpose and expectations of the pretest. Review testing procedures, how to record answers, and expectations for constructed-response items. Do not reteach assessed skills before testing.
Guided Instruction	Complete one sample item together to review directions and answer-format expectations without providing assistance on pretest content.
Independent Instruction	Students independently complete the 7th Grade Math Pretest covering major prerequisite skills and standards.
Exit Ticket	Students identify one skill they felt confident about and one skill they would like additional practice with.
Homework	
Assessment	7th Grade Math Pretest; results will be reviewed to determine instructional needs and areas for spiral review.

Tuesday, August 25, 2026 — Unit 1, Lesson 1, Session 1: Explore Rigid Transformations

Objective	Students will explore rigid transformations of geometric figures and recognize that translations, rotations, and reflections preserve the size and shape of a figure.
Louisiana State Standard	Louisiana Standard 8.G.A.1 — Verify experimentally the properties of rotations, reflections, and translations: lines are taken to lines and line segments to line segments of the same length; angles are taken to angles of the same measure; and parallel lines are taken to parallel lines.
Bellringer	Spiral Review
Direct Instruction	Introduce rigid transformations and review geometric vocabulary including point, line segment, angle, parallel lines, and congruent figures. Demonstrate translations, rotations, and reflections on the coordinate plane.
Guided Instruction	Use the i-Ready Try–Discuss–Connect routine. Students examine a figure and its image after a transformation, identify

	what changed and what stayed the same, and discuss why the figures remain congruent.
Independent Instruction	Students complete Session 1 practice identifying translations, rotations, and reflections and describing how each transformation moves a figure.
Exit Ticket	Identify the rigid transformation shown and name two properties of the figure that were preserved.
Homework	
Assessment	Formative checks during discussion and Session 1 Exit Ticket.

Wednesday, August 26, 2026 — Unit 1, Lesson 1, Session 2: Understand Properties of Rigid Transformations

Objective	Students will understand that rigid transformations preserve lengths, angle measures, and relationships between parallel lines.
Louisiana State Standard	Louisiana Standard 8.G.A.1 — Verify experimentally the properties of rotations, reflections, and translations: lines are taken to lines and line segments to line segments of the same length; angles are taken to angles of the same measure; and parallel lines are taken to parallel lines.
Bellringer	Spiral Review
Direct Instruction	Model how translations, rotations, and reflections map lines to lines and line segments to line segments of equal length. Demonstrate that corresponding angles retain equal measures and parallel lines remain parallel.
Guided Instruction	Students compare preimages and images after rigid transformations. Measure corresponding sides and angles and identify preserved properties.
Independent Instruction	Students complete Session 2 practice using diagrams and coordinate-plane figures to verify properties preserved by rigid transformations.
Exit Ticket	Explain why two corresponding segments and two corresponding angles remain equal after a rigid transformation.
Homework	
Assessment	Formative checks during guided practice and Session 2 Exit Ticket.

Thursday, August 27, 2026 — i-Ready Diagnostic Testing

Objective	Students will complete the i-Ready Diagnostic to establish an individualized baseline of current mathematics performance and instructional needs.
Louisiana State Standard	Diagnostic assessment aligned to grade-level mathematics domains and prerequisite skills; results will be used to support instruction toward Louisiana Student Standards for Mathematics.
Bellringer	Testing readiness check: log in to i-Ready, verify device/headphones, review testing expectations, and prepare scratch paper.
Direct Instruction	Review i-Ready Diagnostic procedures and expectations: work independently, read each question carefully, use scratch paper as needed, take time on each item, and do not rush or guess unnecessarily.
Guided Instruction	Teacher assists only with login, navigation, technology, and testing procedures. No academic assistance is provided during the diagnostic.
Independent Instruction	Students independently complete the assigned portion of the i-Ready Math Diagnostic at an appropriate pace.
Exit Ticket	Students record their stopping point/progress and complete a brief reflection on testing effort and focus.
Homework	
Assessment	i-Ready Math Diagnostic Testing — Day 1. Teacher monitors completion, testing behavior, and progress.

Friday, August 28, 2026 — i-Ready Diagnostic Testing

Objective	Students will continue and complete the i-Ready Diagnostic to provide accurate data about current mathematics strengths, needs, and instructional placement.
Louisiana State Standard	Diagnostic assessment aligned to grade-level mathematics domains and prerequisite skills; results will be used to support instruction toward Louisiana Student Standards for Mathematics.
Bellringer	Testing readiness check: log in to i-Ready, return to the diagnostic, verify materials, and review expectations for focused independent work.
Direct Instruction	Review i-Ready Diagnostic procedures and expectations: work independently, read each question carefully, use scratch paper as needed, take time on each item, and do not rush or guess unnecessarily.
Guided Instruction	Teacher assists only with login, navigation, technology, and testing procedures. No academic assistance is provided during the diagnostic.

Independent Instruction	Students independently continue and complete the i-Ready Math Diagnostic. Students who finish early follow teacher-directed quiet activities.
Exit Ticket	Students confirm diagnostic completion and reflect on one testing habit that helped them do their best.
Homework	
Assessment	i-Ready Math Diagnostic Testing — Day 2/Completion. Teacher verifies completion and reviews diagnostic data when available.