

7th Grade Math Honors— Week at a Glance

September 14–18, 2026

Monday, September 14, 2026 — Unit 1, Lesson 2, Session 3

Objective	Students will use sequences of rigid transformations to determine whether two figures are congruent and describe how one figure maps onto another.
Louisiana State Standard	Louisiana Standard 8.G.A.2 — Understand that a two-dimensional figure is congruent to another if the second can be obtained from the first by a sequence of rotations, reflections, and translations; given two congruent figures, describe a sequence that exhibits the congruence between them.
Bellringer	Integer Facts
Direct Instruction	Review translations, rotations, and reflections. Model how a sequence of rigid transformations can map a preimage onto a congruent image.
Guided Instruction	Complete Session 3 examples using the i-Ready Try–Discuss–Connect routine. Students identify and describe sequences of rigid transformations.
Independent Instruction	Students complete Session 3 practice using sequences of transformations to establish congruence.
Closing	Review the day's transformation vocabulary and one example.
Homework	
Assessment	Formative checks during guided and independent practice.

Tuesday, September 15, 2026 — Unit 1, Lesson 2, Session 4

Objective	Students will apply rigid transformations to verify congruence and explain relationships between corresponding parts of figures.
Louisiana State Standard	Louisiana Standard 8.G.A.2 — Understand that a two-dimensional figure is congruent to another if the second can be obtained from the first by a sequence of rotations, reflections, and translations; given two congruent figures, describe a sequence that exhibits the congruence between them.
Bellringer	Integer Facts
Direct Instruction	Model how to use corresponding sides and angles and a sequence of rigid transformations to show that two figures are congruent.
Guided Instruction	Work through Session 4 examples. Students describe transformation sequences and justify why the resulting figures are congruent.
Independent Instruction	Students complete Session 4 practice involving congruent figures and sequences of translations, rotations, and reflections.
Closing	Summarize one property preserved by rigid transformations.
Homework	
Assessment	Formative checks during Session 4 practice.

Wednesday, September 16, 2026 — Unit 1, Lesson 2 Review

Objective	Students will review and apply Lesson 2 skills in preparation for Thursday's assessment.
Louisiana State Standard	Louisiana Standard 8.G.A.2 — Understand that a two-dimensional figure is congruent to another if the second can be obtained from the first by a sequence of rotations, reflections, and translations; given two congruent figures, describe a sequence that exhibits the congruence between them.
Bellringer	Integer Facts
Direct Instruction	Review congruence, corresponding parts, and sequences of translations, rotations, and reflections. Address common misconceptions.
Guided Instruction	Complete mixed Lesson 2 review problems as a class. Students identify transformations and explain how they establish congruence.
Independent Instruction	Students complete an independent review covering Lesson 2 Sessions 1–4.
Closing	Students identify one skill to review before the test.
Homework	
Assessment	Lesson 2 review and teacher observation of readiness.

Thursday, September 17, 2026 — Unit 1, Lesson 2 Test

Objective	Students will demonstrate mastery of congruence and sequences of rigid transformations.
Louisiana State Standard	Louisiana Standard 8.G.A.2 — Understand that a two-dimensional figure is congruent to another if the second can be obtained from the first by a sequence of rotations, reflections, and translations; given two congruent figures, describe a sequence that exhibits the congruence between them.
Bellringer	Integer Facts
Direct Instruction	Brief review of test expectations and key vocabulary.
Guided Instruction	Complete one short review example before testing.
Independent Instruction	Students complete the Unit 1, Lesson 2 Test.
Closing	Student reflection on test confidence and skills.
Homework	
Assessment	Unit 1, Lesson 2 Test.

Friday, September 18, 2026 — Unit 1, Lesson 3, Session 1: Explore Transformations on the Coordinate Plane

Objective	Students will explore how transformations affect the coordinates of points in two-dimensional figures.
Louisiana State Standard	Louisiana Standard 8.G.A.3 — Describe the effect of dilations, translations, rotations, and reflections on two-dimensional figures using coordinates.
Bellringer	Integer Facts
Direct Instruction	Introduce Lesson 3 by reviewing the coordinate plane and ordered pairs. Explore how translations, rotations, and reflections change the coordinates of a figure's vertices.
Guided Instruction	Use the i-Ready Try–Discuss–Connect routine to examine a figure and its transformed image on a coordinate plane. Students compare original and image coordinates.
Independent Instruction	Students complete Session 1 exploratory practice involving transformations and coordinates.
Closing	State one observation about how a transformation changed the coordinates.
Homework	
Assessment	Formative checks during discussion and Session 1 practice.