Name: Thompson	Grading Quarter: 2	Week Beginning: 11/04/24
School Year: 24/25	Subject: Geometry	

Monday	Notes: **Module 4-1**	Objective: SWBAT use rigid motions to reflect figures on the coordinate plane. Lesson Overview: • Learn (DI) Reflections pg. 249 • Example 1 (DI) pg. 249 • CHEK problem in groups pg. 250 • Example 2 (whole group) pg.250 • CHEK problem (individually) pg.250 • Practice & HW ○ pg.251 #'s 2,4,5,6,9,11	Academic Standards: **G.CO.5** Given a geometric figure and a rotation, reflection, or translation, draw the transformed figure using, e.g. graph paper. Specify a sequence of transformations that will carry a given figure onto another. **G.CO.6** Use geometric descriptions of rigid motions to transform figures and to predict the effect of a given rigid motion on a given figure; given two figures, use the definition of congruence in terms of rigid motions to decide if they are congruent.

Tuesday	Notes: **Module 4-2**	Objective: SWBAT use rigid motions to translate figures on the coordinate plane. Lesson Overview: Basic definitions: magnitude • Learn (DI) Translations pg. 253 • Example 1 (DI) pg. 253 • Check problem (DI) pg. 253 • Example 2 (groups) pg.254 • Practice & HW ○ Pg.225 #'s 2,4,6	Academic Standards: **G.CO.5** Given a geometric figure and a rotation, reflection, or translation, draw the transformed figure using, e.g. graph paper. Specify a sequence of transformations that will carry a given figure onto another. **G.CO.6** Use geometric descriptions of rigid motions to transform figures and to predict the effect of a given rigid motion on a given figure; given two figures, use the definition of congruence in terms of rigid motions to decide if they are congruent.

Wednesday	Notes: **Module 4-3**	Objective: SWBAT use rigid motions to rotate figures about points on the coordinate plane. Lesson Overview: • Learn Rotations (DI) pg. 257 • Example 1 (DI) pg. 257 • Check problem (groups) pg. 258 • Discuss Example 2 pg. 258 • Practice & HW ○ -pg. 259 #'s 2,4,6	Academic Standards: **G.CO.5** Given a geometric figure and a rotation, reflection, or translation, draw the transformed figure using, e.g. graph paper. Specify a sequence of transformations that will carry a given figure onto another. **G.CO.6** Use geometric descriptions of rigid motions to transform figures and to predict the effect of a given rigid motion on a given figure; given two figures, use the definition of congruence in terms of rigid motions to decide if they are congruent.

Thursday	Notes: **Module 4-4**	Objective: SWBAT use two or more rigid motions to transform figures on the coordinate plane. Lesson Overview: • Learn Composition of Transformations (DI) pg. 261 • Example 1 (DI) pg.261 • Check problem (whole group) pg. 262 • Example 2 w/check problem (individually) pg. 262 • Practice & HW ○ Pg.265 #'s 2,4,6	Academic Standards: **G.CO.5** Given a geometric figure and a rotation, reflection, or translation, draw the transformed figure using, e.g. graph paper. Specify a sequence of transformations that will carry a given figure onto another. **G.CO.6** Use geometric descriptions of rigid motions to transform figures and to predict the effect of a given rigid motion on a given figure; given two figures, use the definition of congruence in terms of rigid motions to decide if they are congruent.
Friday	Notes:	Objective: NO SCHOOL (professional development day)	Academic Standards: **n/a**