



Vision - St. Louis Public Schools is the district of choice for families in the St. Louis region that provides a world-class education and is nationally recognized as a leader in student achievement and teacher quality.

Mission - We will provide a quality education for all students and enable them to realize their full intellectual potential.

AESM @ L'Ouverture – Weekly Virtual Learning Planner

Teacher	Mr. Linker	Grade	8th	Subject	Math
Week of	09.21.20 - 09.25.20	Topic/Title	2.3 - Reflections 2.4 - Rotations		

Lesson/Topic	Lesson Target/Objective	Teacher Led Live Instruction	Independent/Small Group Student Work	Assessment/Performance Task	Due Date
Lesson 1 09.21.20	I will be able to tell if a transformation is a reflection or not. I will be able to reflect points on a coordinate plane.	Notes over determining if a transformation is a reflection or not (2 or 3 examples). Re-teaching how to reflect points on a coordinate plane.	Interactive activity on nearpod where students must tell me whether a transformation was a reflection or not, and explain why. Afterwards, they will do an interactive activity on nearpod reflecting points on a coordinate plane.	Exit Ticket - 2 questions about transformations and 2 questions about reflecting points	09.21.20
Lesson 2 09.22.20	I will be able to draw a figure and its reflection on a coordinate plane. Then I will list the coordinates of the image.	Showing students how to reflect a figure across the x- or y-axis. Students will follow along with my example. Then they will try 1 example on their own. If needed, we will do a second example together.	Assignment on BigIdeasMath.com over drawing figures in a coordinate plane and then reflecting them across either the x- or y-axis.	Exit Ticket - 1 question about reflecting a figure in a coordinate plane	09.22.20
Lesson 3 09.23.20	I will be able to perform multiple transformations (translations & reflections) on a figure on a coordinate plane. Then I will list the coordinates of the image.	2 examples done together in class where a figure is both translated and reflected in a coordinate plane. Students will follow along and show me their work after 1 transformation, and then they will perform the second transformation and show me their work again.	Assignment on BigIdeasMath.com over performing multiple transformations on a figure on a graph and listing the coordinates of the image	Exit Ticket - 1 question over performing multiple transformations on a figure on a coordinate plane and listing the coordinates of the image	09.23.20
Lesson 4 09.24.20	I will be able to identify different transformations. I will be able to rotate a figure clockwise or counterclockwise on a coordinate plane.	Students will look at different transformations and will have to determine whether a translation, reflection, or rotation has been done to the figure. Students will learn about rotations, angle of rotation, and center of rotation	BigIdeasMath.com assignment over determining what type of transformation was done to a figure. Rotating a figure clockwise or counterclockwise a given number of degrees (90, 180, or 270)	Exit Ticket - 2 problems over determining what type of transformations were done to a figure	09.24.20
Lesson 5 09.25.20	I will be able to rotate a figure clockwise or counterclockwise on a coordinate plane and describe the angle of rotation.	Students will learn how to rotate figures in a coordinate plane. Students will be taught how to tell what quadrant the figure will end up in after being rotated a certain number of degrees.	BigIdeasMath.com assignment over rotations in a coordinate plane	Exit Ticket - 2 problems of rotations in a coordinate plane	09.25.20