



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	02.15.21 - 02.19.21	Topic/Title	7.1 - Finding Square Roots 7.2 - Finding Cube Roots		

Lesson/Topic	Lesson Target/Objective	Teacher Led Live Instruction	Independent/Small Group Student Work	Assessment/Performance Task	Due Date
Lesson 1 02.15.21	President's Day - No School	President's Day - No School	President's Day - No School	President's Day - No School	02.15.21
Lesson 2 02.16.21	I will know how to find a square root of any number.	Teaching students first about perfect squares by showing them actual perfect squares. Show them a 2x2 square, a 3x3 square, etc. Relate the square to the square root. Then teach about radicals and radicands, and show them that the square root of any positive number has a positive and a negative square root. Practice finding square roots of various numbers.	Nearpod - 3 examples of finding square roots	Exit ticket - 2 questions over finding square roots	02.16.21
Lesson 3 02.17.21	I will know how to evaluate expressions involving radicals.	Addressing any misconceptions about squares and square roots from yesterday. Then continuing our learning of square roots by evaluating expressions that involve radicals (using order of operations). Then, giving examples of square roots in real-world application word problems.	Nearpod - 2 examples of evaluating an expression with radicals, and 1 example of word problem	Exit ticket - 1 question of evaluating an expression with radicals	02.17.21
Lesson 4 02.18.21	I will know how to solve word problems involving square roots.	Addressing any misconceptions from yesterday about square roots and evaluating expressions. Today will give a variety of word problems that are solved using square roots.	Nearpod - 3 examples of word problems with square roots	Exit ticket - 1 word problem with square roots	02.18.21
Lesson 5 02.19.21	I will know how to find a cube root of a number.	Teaching students what a perfect cube is by showing them physical examples of perfect cubes ($2 \times 2 \times 2 = 8$, $3 \times 3 \times 3 = 27$, etc.). Teaching how to find the cube of any number, and teaching when the answer will be positive and when it will be negative.	Nearpod - 3 examples of finding cube roots	Exit ticket - 2 problems of finding cube roots	02.19.21