

COURSE MATERIAL LIST

3rd Grade Mathematics

The list below includes the materials used in the 3rd grade Fishtank Math course, excluding printed materials and templates. The quantities reflect the approximate amount of each material that is needed for one class. For more detailed information about the materials, such as any specifications around sizes or colors, etc., refer to each specific unit.

Material	Unit(s)	Approximate Quantity Needed
markers or crayons	Unit 1 Unit 5	2 of different colors per student
base ten blocks (or paper base ten blocks cut out from template provided in Unit 1)	Unit 1 Unit 3	Maximum of 5 hundreds, 24 tens, 20 ones per student or small group
counters	Unit 2 Unit 7	~20 per student
pattern blocks	Unit 4 Unit 6	~6 of each shape per student or small group
centimeter cubes (or square centimeters cut out from template provided in Unit 4)	Unit 4	20 per student
square-inch tiles (or square inches cut out from template provided in Unit 4)	Unit 4 Unit 5 Unit 6	24 per student
rulers (with both centimeter and quarter-inch measurements and ideally with a 0 mark not flush with edge)	Unit 4 Unit 5 Unit 6 Unit 7	1 per student
pair of scissors	Unit 4 Unit 7	1 per student or small group
paper plate and rectangular object (optional)	Unit 5	1 per student
string or pipe cleaners	Unit 5	3 pipe cleaners per student (or about 2 feet of string per student)
demonstration analog clock	Unit 7	1 or more per class

balance scale	Unit 7	1 or more per class
thumbtack (or other object to use as benchmark measure of 1 gram)	Unit 7	1 per small group
paper clip (or other object to use as benchmark measure of 1 gram different from above)	Unit 7	1 per small group
textbook (or other object to use as benchmark measure of 1 kilogram)	Unit 7	1 per small group
dictionary (or other object to use as benchmark measure of 1 kilogram different from above)	Unit 7	1 per small group
objects of various masses, including objects close to the benchmark masses of 1 gram, 10 grams, 100 grams, and 1 kilogram	Unit 7	12 per class
analog scale	Unit 7	1 or more per class
digital scale	Unit 7	1 or more per class
containers with the capacity of 1 quart, 1 pint, 0.5 liter, and quarter teaspoon	Unit 7	1 per small group
containers of various capacities, including containers close to the benchmark capacities of 1 milliliter and 1 liter	Unit 7	12 per class
1-liter plastic bottle	Unit 7	1 per small group
Medicine/water dropper (or other container to use as benchmark capacity of 1 milliliter)	Unit 7	1 per small group
100 mL graduated cylinder	Unit 7	1 or more per class
1 L beaker	Unit 7	1 or more per class