

Kindergarten Module 2

Topic	Lesson	Materials to gather
Topic A	1	<p>Teacher (T)</p> <ul style="list-style-type: none"> • Large 5-Group cards (5-7) (Fluency Template 3) • Large Cutouts of each shape (Affixed to the board with tape) (Template) <p>Students (S)</p> <ul style="list-style-type: none"> • 5-Group mats (Fluency Template 1) • 5 linking cubes • Draw more (Fluency Template 2) • Clear bag containing smaller cutouts of various shapes (all of one hue to limit distractions from variation in color) • Blank side of Problem Set affixed to clipboard • Pencil • Real or toy magnifying glass (if available) •
	2	<p>(S)</p> <ul style="list-style-type: none"> • 3 Beans • 1 paper or foam triangle • Personal white board • Craft sticks or straws of two different lengths • Foam or construction paper work mat • Geoboard • Rubber bands •
	3	<p>(T)</p> <ul style="list-style-type: none"> • Large 5-group cards (Lesson 1 Fluency Template 3) • Paper shapes of the same color in varying sizes, a wide range of exemplars, non-examples, and variants (Fluency Template) • Create outlines of geometric figures on paper to be affixed to the board during the lesson (Template 1) <p>(S)</p> <ul style="list-style-type: none"> • 4 beans • Paper or foam squares • Personal white board • Copy of dot paper (Template 2) on cardstock • Wikki Stix (Angle Legs, crayons, or markers may also be used)
	4	<p>(T)</p> <ul style="list-style-type: none"> • Paper shapes of the same color in varying sizes, a wide range of exemplars, non-examples, and variants (Fluency Template) • Paper shapes (Template) • Strategically place several cutout or outlined shapes of regular and irregular hexagons around the room prior to the lesson

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		(S) <ul style="list-style-type: none"> Clipboard with paper and pencil Real or toy magnifying glass (if available)
	5	(T) <ul style="list-style-type: none"> Signs with pictures of shapes to indicate where to form each group (Fluency Template 1) Paper cutouts of triangles, rectangles, squares, hexagons, and circles (variety of sizes, include exemplars, non-examples, and variants) Pictures of real-world objects that are flat shapes (Fluency template 3) (S) <ul style="list-style-type: none"> Paper cutouts of triangles, rectangles, squares, hexagons, and circles (variety of sizes, include exemplars, non-examples, and variants) (Fluency Template 2) Scissors Glue Paper bag containing cutouts of various shapes (two non-identical shapes of each type, including triangles, rectangles, circles, hexagons, and squares) (Template)
Topic B	6	(T) <ul style="list-style-type: none"> Personal white board (optional) (S) <ul style="list-style-type: none"> Number path (Fluency Template) (optional) 5 linking cubes Personal white board 1 bag containing a set of geometric solids per student pair (solids should include a cone, a cylinder, a cube, and a sphere) Clipboard with paper and pencil Real or toy magnifying glass (if available)
	7	(T) <ul style="list-style-type: none"> Large 5-group cards (Lesson 1 Fluency Template 3) (S) <ul style="list-style-type: none"> Assortment of solid shapes (possibly a mixture of everyday objects and wooden or plastic solid shapes) 5-group mats (Lesson 1 Fluency Template 1) 5 linking cubes Small piece of modeling clay Set of geometric solids including a cube, sphere, cone, and cylinder per student pair Paper and colored pencils Small smiley face stickers

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	8	<p>(T)</p> <ul style="list-style-type: none"> • 20 bead Rekenrek • Set of geometric solids in a paper bag • Set of flash cards in a paper bag showing the words <i>above, beside, below, in front of, next to, and behind</i> <p>(S)</p> <ul style="list-style-type: none"> • Assortment of solid shapes (possibly a mixture of everyday objects and wooden or plastic solid shapes) • Small ball of clay • Set of geometric solids per pair
Topic C	9	<p>(T)</p> <ul style="list-style-type: none"> • Signs with pictures of shapes to indicate where to form each group <p>(S)</p> <ul style="list-style-type: none"> • Assortment of real-world objects and wooden or plastic solid shapes • 5 linking cubes • Personal white board • Small piece of paper • Pencil • Ball of clay • Cutouts from earlier in the week, including triangles, circles, rectangles, squares, and hexagons (Lesson 5 Template) • Bag of solids including a sphere, a cylinder, a cone, and a cube
	10	<p>(T)</p> <ul style="list-style-type: none"> • Signs with pictures of solid shapes affixed to the board to indicate where to form each group • Large 5-group cards (Lesson 1 Fluency Template 3) • Bag of flat shapes containing a triangle, a rectangle, a square, a circle, and a hexagon (as many as necessary in order to assign each group or pair of students one shape) (Lesson 5 Template) <p>(S)</p> <ul style="list-style-type: none"> • Wooden or plastic solid shapes • Work mat (Activity template) • Sets of cutouts from the module lessons • Small pieces of modeling clay • Geoboards and rubber bands • Dot paper and markers • Pattern blocks • Paper • Glue stick • Crayons • Pencils

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		<ul style="list-style-type: none"> • Wikki Stix (if available) • Collection of pictures from catalogs, magazines, or newspapers representing the shapes and solids in real-life situations
	End of Mod.	<p>Students (S)</p> <ul style="list-style-type: none"> • Paper cutouts of typical triangles, squares, rectangles, hexagons, and circles • Paper cutouts of variant shapes and difficult distractors (See Geometry Progression, p. 6) • 1 cone • 3 cylinders (wooden or plastic) • A variety of real solid shapes (e.g., soup can, paper towel roll, party hat, ball, dice, or an unsharpened cylindrical- not hexagonal prism-pencil) • Set of flat and solid shapes (do not use the paper cutouts from Topic A, but rather both commercial flat shapes and classroom flat shapes such as a piece of colored construction paper, a CD sleeve, or a name tag)