

Suggested reusable items
Suggested consumable items

bags, resealable plastic, (or envelopes) for cards sets made from blackline masters

base ten, 60 ten rods

* bingo chips, 1 bag of 300

20 cubes 1" (unpainted or painted, wood or plastic)

200 cubes 1/2" (unpainted or painted, wood or plastic)

cubes, 1 centimeter, Interlocking, 1 pk of 500

paper clips, jumbo and regular, 1 box of 100 of each (or Cuisenaire rods if locally available)

pattern blocks custom set (hexagon, trapezoid, rhombus, triangle) about 570 pieces

pencil boxes (about 13" x 5" x 2"), 8-15 for geo toolkit¹

* playing cards, 8 decks

measuring containers:

- 1 bottle, 1 L w/cap
- 16 beakers, poly, 250 mL
- 1 cylinder, grad, poly, 100mL
- 8 cylinders, grad, poly, 250mL
- 1 one-gallon clear PVC jug, w/cap
- 2 pitchers, clear, plastic, 2 Liter
- 1 spoon, metal, teaspoon

measuring tools:

- 15 measuring tape, metric, 150cm (flexible type)
- 15-30 rulers, metric, plastic, 12"
- 1 scale, digital, 600g capacity
- 2 meter sticks (also marked in inches), standard
- 1 yardstick

salt crystals, 16- oz, 1 refillable container

scissors, 8-15 pairs

chart paper pad, 24 x 32 Inches, 1" grids,

- 1 pad of 25 sheets (non-adhesive) per class

colored pencil, 8 packs of 8 (1 pk per group)

cotton twine, 4 ply, 840 ft, 1 roll per group

cups, 1 oz., plastic or paper, 3 per student

drink mix, sugar-free, 2 lb container

food coloring, blue, 2oz, 2 bottles (15 tsp per group)

food coloring, yellow, 2oz, 2 bottles per class

glue sticks, 0.28 oz, 15 (one per group of 2)

index cards, 3x5, unruled, 1 pk of 100 per class

labels, dot color coding, 3/4" diameter, 2 per student

markers, classic broad tip, 8 pk of 8 (1 pk per group)

*origami paper, 3 different sizes, 15 sheets each size per class (approx. 12x12, 6x6, and 8x8 inches)

paper-adding machine tape receipt, 1 roll

paper, blank, 8-1/2 x 11, 1 ream

paper, graph, 1/4" grid, 7 pk of 100 sheets

patty paper, 1 box of 1000 (or tracing paper)

post-it notes, 3" x 3", 5 pads of 100 sheets

tape, masking, 2.83" x 60 yds, 1 roll

tape, transparent, 1/2" x 500", 8 rolls (or glue sticks)

Suggested as locally supplied

collection of objects

calculators, four-function

grocery store circulars

household items

internet devices

- for teacher presentation
- *for online student text and digital activities

<p>snap cubes dark blue and red, set of 100, 5 sets each (other colors could be substituted)</p> <p>tangrams, 7 piece set. 8 sets (option to make using blackline master)</p> <p>tray, 10"x 14" (any size to catch spills when pouring)</p> <p>tub to hold all supplies</p>	<p>polyhedral set, prisms/pyramids set, and nets (teacher-made using blackline masters)</p> <p>quart-sized bottle</p> <p>stopwatches</p> <p>water</p> <p>*whiteboard space and dry-erase markers for creating visual displays and displaying student work</p>
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¹ *Geometry Toolkit (grade 6)* includes tracing paper (patty paper), graph paper, colored pencils, scissors, and a blank index card to use as a straightedge or to mark right angles.

Both **reusable (R)** and **consumable (C)** items recommended for IM math kits are listed. The -- **symbol** indicates supplied by the school, teacher, or students. Lesson numbers are listed under each unit in which an item is used.

- A lesson number in **parenthesis ()** indicates an activity is optional.
- A lesson number in **brackets []** indicates a digital version of the activity available. However, students may also need access to physical manipulatives such as base ten blocks, tangrams, and pattern blocks.
- In addition to recommended lessons, a **+** **symbol** indicates to provide access as needed (MP5).

Items		Units								
		1	2	3	4	5	6	7	8	9
R	bags, resealable plastic, (or envelopes) for handouts or pre-printed slips cut from copies of blackline masters (Lesson is repeated if more than 1 activity has a BLM.)	7, 8, 15	2, 13, 14, 16	2, 9, 14	1			4, 8, 9	2, 8, 14, 17	
R	base ten, 60 ten rods	[16]		3						
R	bingo chips							(18)		
C	chart paper pad, 24 x 32 Inches, 1" grids, 25 sheets per class (non-adhesive) <i>tools for visual displays</i>	+	many	8, 11	5, 9	+	19+	18	18	1, 2
--	collection of objects		1							
C	colored pencils, 8 packs of 8 <i>geometry toolkit</i>	+	2+	+	+	+	+	+	+	(4)+
R	cubes 1", 20 unpainted or painted, wood or plastic			3						
R	cubes 1/2", 200 unpainted or painted, wood or plastic				14					
R	cubes, 1 centimeter, Interlocking, 1 pk of 500	[16]		3						
C	cups, 1 oz, 3 per student (choice of demo or all students)		4							
C	drink mix, sugar free, 2 lb container (about ¾ c mix for whole class to sip or for a demo 13 tsp each class)		3							
C	food coloring, blue and yellow, 2 oz, 2 bottles (15 tsp)		[4]							
--	four-function calculators [https://www.desmos.com/fourfunction]			1, 4, 9					14	+
C	glue sticks, 0.28 oz, 15 (one per group of 2)	8, 13, 14, 15								
--	grocery store circulars					[1]				
--	household items (anything to measure on a digital scale)			[(2)]						
C	index cards, 3x5, unruled, 1 pk of 100 per class <i>geometry toolkit</i>	+	+	+	+	+	+	+	13, 16+	+

Items		1	2	3	4	5	6	7	8	9
--	internet devices for teacher presentation	+	+	+	+	+	+	+	+	+
--	internet devices for students (if using print books only)							19		(1,2)
C	labels, dot color coding, 3/4" diameter, 2 per student								2,3	
C	markers, classic broad tip, 8 pk of 8 <i>tools for visual displays</i>	+	many	8, 11+	5, 9+	+	+	18+	18+	1,2+
R	measuring containers and tools:									
R	1 bottle, 1 L w/cap			[3]						
R	16 beakers, Poly, 250 mL		4							
R	1 cylinder, grad, poly, 100mL			3						
R	8 cylinder, grad, poly, 250mL		4							
R	1 one-gallon clear PVC jug, w/cap			[3]						
R	2 pitchers, clear, plastic, 2 Liter		3							
--	1 quart-sized bottle		(2)							
R	1 spoon, metal, teaspoon		3	[3]						
R	15 measuring tapes, metric, 150cm (flexible type)				17				1	
R	15-30 rulers, metric, plastic, 12" <i>geometry toolkit</i>	+	8, 16+	2,3+	17+	7, 15+	+	2, 7+	1,2,7+	+
R	1 scale, digital, 600g capacity			[3]						
R	2 meter sticks (also marked in inches), standard		9	2,3						
R	1 yardstick			2						(10)
C	origami paper, 3 different sizes, 15 sheets of each size per class (approx.12x12, 6x6, and 8x8 inches)					(15)				
C	paper, adding machine tape receipt, 1 roll		9						16	
C	paper, blank, 8-1/2 x 11, 1 ream <i>geometry toolkit</i>	+	+	3 +	+	+	+	+	1 +	+
C	paper, 1/4" grid, 6 pk, 100 sheets each <i>geometry toolkit</i>	+	+	+	13+	+	19+	19+	+	+
R	paper clips, jumbo and regular, 1 box of 100 each size (or Cuisenaire rods, 15 each 6cm and 9cm rods if			3						

	locally available)									
Items		1	2	3	4	5	6	7	8	9
R	pattern blocks set, about 570 pieces (2 hexagons and 6 each of triangles, rhombi, and trapezoids per group of 3-4)	1			4,5					
C	patty paper, 1 box of 1000 (or tracing paper) <i>geometry toolkit</i>	many	+	+	+	+	+	2 +	+	+
R	pencil boxes (about 13" x 5" x 2"), 8-15 for geo toolkits ¹	+	+	+	+	+	+	+	+	+
R	playing cards, 8 decks								(11)	
--	polyhedral set, prisms/pyramids set with nets, made from blackline masters (or optional commercially-produced)	13, 14 15		3						
C	post-it notes, 3"x3", 5 pads of 100 <i>tools for visual displays</i>	12,16	+	+	+	+	+	7 +	1, 3 +	+
R	salt crystals, 16 oz, 1 refillable container			3						
R	scissors, 8-15 pairs <i>geometry toolkit</i>	13 +	+	2 +	+	+	+	+	16 +	(4)+
R	500 snap cubes (2 colors, red and blue suggested) 6.1.16 16 snap cubes for each group of 2 students; 6.1.17 sets of 32 snap cubes for each group of 2 students; 6.2.15 2 colors: 50 reds and 30 blue snap cubes per group; (Option of other colors with representation specified.) 6.7.16 48 of one color and 64 of another color per group; 6.7.17 access to two colors of snap cubes (100 of each color) 6.8.9 10 snap cubes for each group of 2 students (any color);	12, [(16)], (17)	15					16, 17	[9]	
--	stopwatches (digital options or student cell phones)		9							
R	straightedges (unruled index card, ruler, meter stick, etc.) <i>geometry toolkit</i>	+		3	13				3, 6, 9 17,18	
C	string, cotton twine, 4 ply, 840 ft, 1 roll per group		9	2					16	
R	tangrams, 7 piece set, 8 sets (BLM available)	[2]								
C	tape, masking, 2.83" x 60 yds, 1 roll		9						16	
C	tape, transparent, 1/2" x 500", 8 rolls (or glue sticks)	+								
R	tray, plastic, 10"x 14" (any size tray for spilled water)			3						
R	tub to hold supplies	+	+	+	+	+	+	+	+	+

Grade 6 supplies by unit and lesson(s)

--	water		3							
--	whiteboard space and dry-erase markers (option instead of chart paper) <i>tools for visual displays</i>	+	many	8, 11	5, 9	+	+	18	18	1,2