

Materials in Grade 1

This document brings together information about the various manipulatives, cards, and other materials used in *Investigations 3*. This information can support schools and districts as they make decisions about what materials students, teachers, and classrooms may need.

GRADE 1 MANIPULATIVES	
<p>The Grade 1 manipulatives kit contains the following materials, for a class of 24 students. Many of these materials are available virtually, in the Game Center and Math Tools areas of SavvasRealize™.</p> <ul style="list-style-type: none"> 1 lb of Assorted Buttons (used as counters) 1 Learning Demonstration Clock 24 Clock Dials 2 Sets of 96 Coins 100 Pennies (used as counters) 800 Color Tiles 72 Blank Cubes with Labels 12 Number Cubes 24 Dice 12 GeoSolids® 1000 PatternBlocks 900 Power Polygons™ 1000 Snap Cubes® 1 Set of 1000 Wooden Craft Sticks (nonstandard meas. tools) 200 Two-Color Counters (used as counters) 660 GeoBlocks™ 10 Geoboards with Rubberbands 1 Number Line 1 Set of 130 Pattern Markers 1 120-Pocket Wall Chart 1000 Blank Labels 	<p>The categories below show the various ways the materials in the manipulative kit are intended to be used and may help in planning for the fall.</p> <p>FOR THE CLASSROOM</p> <ul style="list-style-type: none"> • Learning Demonstration Clock • Number Line • Set of 130 Pattern Markers • 120-Pocket Wall Chart • Blank Labels <p>SHARED; not enough to divide among students</p> <ul style="list-style-type: none"> • Pennies • GeoSolids® • GeoBlocks™ • Geoboards with Rubberbands • Two-Color Counters <p>SHARED; could be divided among students</p> <ul style="list-style-type: none"> • 1 lb of Assorted Buttons • Color Tiles (30/student) • Pattern Blocks (40/student) • Power Polygons™ (35/student) • Snap Cubes® (ideally 100/student, in at least 2 colors) • Wooden Craft Sticks (40/student) <p>PER STUDENT</p> <ul style="list-style-type: none"> • 1 Clock Dial • 2 Dice (1-6 dot cubes) • 2 Number Cubes (1-6) • Use blank cubes with labels to make one 7-12 Cube/student, 2 Pattern Block Cubes/student, and additional 1-6 number cubes so that each student has 2.

GRADE 1 CARDS

All cards listed below are available on SavvasRealize™ as Teacher Resources.

All cards used in games are available in the Game Center on SavvasRealize™.

All cards for teachers are available as part of the Teacher Presentations also on SavvasRealize™.

* indicates cards that are part of the Grade 1 Manufactured Card Kit (12 decks, unless otherwise specified).

Cards for Games	Cards for Activities	Cards for Teachers
*C3-C5, Number Cards 1-20 (1/student) *C6-9, Primary Number Cards *C10, Dot Cards, Set A *C21-C22, Ten Frame Cards *C23, Dot Addition Cards *C25-C26, Counting by 10 Cards *C28, Greater/Less Than Cards (1 set of 32) *C29-C36, Number Cards to 120 *C37, Plus or Minus Ten Cards	*S36-53, Fish Cards Consumable Cards for Students C14-16, Shape Cards Classroom Tools *T1, Ten Frames C27, Hand Cards (differentiation)	C1-C2, SWGT Cards to 30 C11, Dot Cards, Set B C12-13, SWGT Cards 31-60 C17-C20, SWGT Cards 61-120 C24, Number Cards 21-30

OTHER MATERIALS

In addition to common art/office supplies which students may use on a regular basis, there are additional unit-specific materials (some consumable) that may or may not be common in schools or at home. The list that follows summarizes these materials by unit.

Office/Art Supplies

- Small white board/markers/eraser (new, for remote learning)
- Blank paper
- Coloring materials (pencils, crayons, or markers)
- Glue/glue sticks
- Tape, scissors

Other Materials	U1	U2	U3	U4	U5	U6	U7	U8
Adding machine tape			X					
Basket	X	X	X			X		
Bins or trays	X	X					X	
Blank paper	X	X	X	X	X	X	X	X
Book to measure (ideally a whole number of inches long)				X				
Cardstock	X	X	X	X	X	X	X	X
Chart paper	X	X	X	X	X	X	X	X
Classroom objects								X
Classroom objects of various lengths (some shorter than 12 inches, some longer than 12 inches)				X				
Clear plastic jar (medium size)					X			
Clipboards (optional)						X		X
Clothespins (or other markers; 2; ideally red and green)	X	X	X			X		
Colored paper		X		X				
Coloring materials (pencils, crayons, or markers)	X	X	X	X	X	X		

Other Materials	U1	U2	U3	U4	U5	U6	U7	U8
Construction paper					X			
Containers of 40-120 objects to inventory							X	
Envelopes	X			X		X		
Envelopes (9" × 12") or folder for storing math materials at home (optional)	X							
Glue		X		X		X		
Graph paper						X		
Identical measurement collections, each containing 8 items between 2-18" long				X				
Index cards			X			X		
Lima beans			X					
Literature selection: A book about buildings (see U8 S1.7) (optional)								X
Literature selection: A book that follows the mathematical structure $1 + 2 + 3 + 4 + 5$ (see Family Letter on Student Activity Book p. 144 for suggestions)			X					
Masking tape				X				
Mystery Boxes (see U1 Session 1.2)	X							
Paper (12" × 18")						X		
Paper (at least 18" × 24")		X						
Paper clips (individuals)			X	X		X		
Paper cups			X		X			
Paper plates (optional)			X					
Pencil boxes or small boxes				X				
Pointer for number line			X					
Resealable bags							X	
Rulers or straight edges		X		X				
Scissors		X	X			X		
Self-stick notes			X			X	X	
Self-stick notes (large)				X				
Small, transparent jar						X		
Socks or small bags								X
Stick-on dots						X		
String (12" lengths)				X				
String (6' length)		X						
Tape			X					
Timer				X	X			
Transparent counters							X	
Yarn (3-foot lengths)		X						