

## Materials in Kindergarten

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 as they consider the various configurations of in-school and at-home learning.

<b>KINDERGARTEN MANIPULATIVES</b>	
<p>The Kindergarten 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> <p>120 Attribute Blocks            240 Bear Counters™            1 lb of Assorted Buttons            200 Pennies (used as counters)            800 Color Tiles            72 Blank Cubes with Labels            24 Number Cubes            24 Dice            12 GeoSolids®            1000 Pattern Blocks            1000 SnapCubes®            1 Set of 1000 Craft Wooden Sticks (used as nonstandard measuring tools)            200 Two-Color Counters            4 Student Balances            660 GeoBlocks™            10 Geoboards with Rubberbands            1 100-Pocket Wall Chart            1 Number Line            1 Monthly Calendar Pocket Chart            1000 Blank Labels</p>	<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><b>FOR THE CLASSROOM</b></p> <ul style="list-style-type: none"> <li>• 100-Pocket Wall Chart</li> <li>• Number Line</li> <li>• Monthly Calendar Pocket Chart</li> <li>• Blank Labels</li> </ul> <p><b>SHARED; not enough for each student</b></p> <ul style="list-style-type: none"> <li>• Attribute Blocks</li> <li>• GeoSolids®</li> <li>• Student Balances</li> <li>• GeoBlocks™</li> <li>• Geoboards with Rubberbands</li> </ul> <p><b>SHARED; could be divided per student</b></p> <ul style="list-style-type: none"> <li>• Bear Counters™ (ideally 20/student)</li> <li>• 1 lb of Assorted Buttons</li> <li>• Color Tiles (ideally 30/student)</li> <li>• Pattern Blocks (ideally 50-60/student)</li> <li>• Snap Cubes® (ideally 50/student)</li> <li>• Craft Wooden Sticks (ideally 50-60/student)</li> </ul> <p><b>PER STUDENT</b></p> <ul style="list-style-type: none"> <li>• 1 dot cube (1-6)</li> <li>• 1 number cube (1-6)</li> <li>• Use blank cubes with labels to make 2 Pattern Block Cubes per student, one +/-1 Cube per student, and to make or adapt cubes into 1-3 Dot Cubes and 0-5 Cubes</li> <li>• Pennies <i>or</i> Two-Color Counters (ideally 20/student)</li> </ul>

### KINDERGARTEN 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
*C2-C5, Primary Number Cards	C1, Attribute Cards	C9, Number Cards
*C10, Fluency within Five Cards	C6-8, Make-a-Shape Cards	
*C11, Ten Frame Cards		
*C12, Teen Number Cards	<b>Classroom Tools</b>	
*C13, Ten Cards	*T11-12, Ten Frame (one on one side; two on the other) (1/student)	

### 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
- Colored pencils/crayons/markers
- Glue/glue sticks
- Scissors, tape

#### Other Materials

	U1	U2	U3	U4	U5	U6	U7	U8
Art supplies (stencils, rubber stamps, or stickers)		x	x					
Beads				x		x		
Bins	x	x						
Blank paper							x	x
Books						x		
Calendars (several types) (optional)	x							
Cardstock	x	x	x		x	x	x	x
Chart paper	x	x	x	x	x	x	x	
Class book of shapes (see U3 Session 1.5)			x					
Clay			x		x			
Clipboards (optional)					x			
Colored paper	x		x	x			x	x
Colored pencils		x	x	x		x	x	x
Construction paper (12" x 18")			x					

Containers (small)	X							
Crayon box (empty) (optional)						X		
Crayons	X	X	X	X		X	X	X
Envelopes							X	
Envelopes or folders (optional)				X				
Glue	X		X	X				
Glue stick			X				X	X
Illustration or photo of a scene that uses many shapes (see U3 Session 2.1) (optional)			X					
Index cards								X
Index cards (3" x 5")							X	
Index cards (4" x 6")	X							
Index cards (5" x 7")							X	
Index cards or large self-stick notes	X	X						
Inventory Bags (see U2 Session 1.9, U6 Session 1.4)		X				X		
Jar (clear, plastic) (Counting Jar)	X	X	X	X	X	X	X	X
Jar (small)						X		
Jar or small container					X			
Literature selection a counting book up to at least 10 (see U2 Session 1.1)		X						
Literature selection about a character with a very long name (see U2 Session 2.7)		X						
Literature selection about counting (see U1 Session 2.1) (optional)	X							
Literature selection about lunch (see U7 Session 1.4)							X	
Literature selection about shapes (see U3 Session 1.1) (optional)			X					
Marker caps (optional)		X						
Markers	X	X	X	X		X	X	X
Masking tape or painter's tape					X			X
Measurement Collections (see U2 Session 2.1, U4 Session 1.5, U8 Session 3.1)		X		X				X
Mirrors (optional)							X	
Nonstandard measuring units (see U4 Session 1.4)				X				
Paper (12" x 12")			X					
Paper (12" x 18")							X	
Paper (12" x 8")							X	
Paper (large piece)			X					
Paper bags							X	
Pattern-block stickers or stencils (optional)			X					

Pennies									X
Pens				X					
Pointer for number line							X		
Resealable plastic bags (gallon size)	X	X	X	X	X	X	X	X	X
Scissors			X						
Set of other building blocks (see U1 Session 1.1) (optional)	X								
Stick-on dots	X	X							X
Stick-on notes			X	X					
Tape	X		X	X				X	
Trays or study cardboard work mats (optional)	X		X			X			
Wide ribbon, adding machine tape, masking tape, or colored electric tape				X					