

## Materials in Grade 4

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>GRADE 4 MANIPULATIVES</b>	
<p>The Grade 4 manipulative kit contains the following materials for a class of 28 students. Many of these materials are available virtually, in the Game Center and Math Tools areas of SavvasRealize™.</p> <p>800 Color Tiles            20 Geoboards with Rubberbands            72 Blank Cubes with Labels            1000 Snap Cubes            1 Number Line            1 Pack of 10 Flexible Metersticks            900 Power Polygons™            32 Rulers            28 Protractors</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>• Number Line</li> <li>• Blank Labels</li> </ul> <p><b>SHARED; not enough for each student</b></p> <ul style="list-style-type: none"> <li>• Geoboards with Rubberbands (for Differentiation)</li> <li>• Metersticks</li> </ul> <p><b>SHARED; could be divided per student</b></p> <ul style="list-style-type: none"> <li>• Snap Cubes® (35-40 any color/student)</li> <li>• Color Tiles (ideally 50/student)</li> <li>• Power Polygons™ (32/student)</li> <li>• Blank Cubes with Labels</li> </ul> <p><b>PER STUDENT</b></p> <ul style="list-style-type: none"> <li>• 1 Ruler</li> <li>• 1 Protractor</li> </ul>

### GRADE 4 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™.

\* indicates cards that are part of the Grade 4 Manufactured Card Kit (14 decks)

Cards for Games & Activities	Consumable Cards for Students
*C1-C13 Array Cards *C20-C23 Multiple Cards *C38-C40 Digit Cards *C36-C37 Shape Cards C41 Blank Wholes Fraction Cards C42 Blank Thirds Fraction Cards C43 Blank Fifths Fraction Cards *C44 Decimal Cards C45 Mini 10x10 Grids C46 Number Cards for Factor Bingo C47 Penny Jar Situation Cards C48 Penny Jar Comparison Cards	C14-C19 Multiplication Cards C24-C35 Division Cards

### 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 (option for remote learning)
- Blank paper
- Colored oaktag or cardstock (for fraction cards)
- Coloring materials (pencils/markers/crayons)
- Glue/Glue stick
- Tape
- Scissors

Other Materials	U1	U2	U3	U4	U5	U6	U7	U8
Blank paper	x	x	x	x		x		
Calculators (optional)		x	x					
Cash register tape			x		x		x	
Chart paper	x	x	x	x	x	x	x	x
Clear jar								x
Colored oak tag or cardstock						x		
Colored pencils or crayons						x		
Construction paper			x					
Construction paper (12" x 18")	x							
Glue sticks	x					x		

Index cards (3" x 5") or self-stick notes (3" square)			X			X		
Markers	X	X						
Masking tape					X			
Measuring tools (watches, stopwatches, etc. see p. 54)		X						
Paper (11" x 17")		X						
Pennies								X
Raisins (1/2 oz boxes)		X						
Scissors	X				X	X	X	X
Self-stick notes (optional)		X						
Small hand mirrors (optional)					X			
Transparent tape			X			X		