

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.

GRADE 4 MANIPULATIVES	
<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>FOR THE CLASSROOM</p> <ul style="list-style-type: none"> • Number Line • Blank Labels <p>SHARED; not enough for each student</p> <ul style="list-style-type: none"> • Geoboards with Rubberbands (for Differentiation) • Metersticks <p>SHARED; could be divided per student</p> <ul style="list-style-type: none"> • Snap Cubes® (35-40 any color/student) • Color Tiles (ideally 50/student) • Power Polygons™ (32/student) • Blank Cubes with Labels <p>PER STUDENT</p> <ul style="list-style-type: none"> • 1 Ruler • 1 Protractor

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							

Other Materials	U1	U2	U3	U4	U5	U6	U7	U8
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			