



## Mathematics Materials Collections

### 2019 Year-End Model Spring Assessment Window

Dynamic Learning Maps® (DLM®) testlets sometimes call for the use of specific materials. The Testlet Information Page (TIP) for each testlet identifies these materials. Sometimes materials are required and cannot be substituted, but substitutes are allowed in most cases. If a testlet requires materials, the TIP will state the specific materials mentioned in the testlet and describe their attributes so that test administrators can find appropriate substitutions. For more information about substituting materials, see the TEST ADMINISTRATION MANUAL section titled Teacher-Administered Testlets.

Since the DLM system uses adaptive delivery to assign a linkage level for each testlet, the system provides the TIP when each testlet is assigned. Therefore, the exact materials needed in order to assess each student are unknown prior to the opening of the spring testing window.

The list below contains materials commonly needed in mathematics testlets and gives test administrators more opportunity to prepare for the mathematics alternate assessment prior to the opening of the testing window. The tables in this document summarize lists of materials per grade level for general testlets and, where appropriate, for students who are blind or have visual impairments. **Materials may be substituted unless the TIP specifically states “No substitutions allowed.”**

Hints for using this list:

- Look at the whole list for each grade and find materials that can meet multiple purposes. Note the types of materials mentioned more than once.
- Find materials that already exist in the classroom or are easily found in the school building.
- Pick materials that are familiar to the student.
- Remember that in most cases materials can be substituted as long as they have the same attributes as those on the list. Examples of possible substitutions are found in the table below.
- Materials substitutions are listed for individual testlets on the corresponding TIP.
- First and foremost, your student’s safety should be the primary concern when choosing materials or substitutions.

Example Materials Description	Possible Substitution
two sets of identical objects packaged together (packs of crayons, pencils, markers)	use two identical packs of flash cards
two objects that are the same size, and one object that is smaller than the other two	use two flash cards that are the same size and a smaller playing card

## Contained in This Document

- Lists by grade of common materials used in mathematics testlets.
- Lists by grade of common materials that may be used to administer testlets to students who are blind or have visual impairments. Some mathematics testlets are special forms designed for students who are blind or have visual impairments, while others are general testlets that have been adapted to make them more accessible.

Grade 3	Common Materials Used to Administer Testlets
	<ul style="list-style-type: none"> <li>• 1 bowl</li> <li>• 1 card numbered 26</li> <li>• 1 card numbered 30</li> <li>• 1 eleven-inch string</li> <li>• 1 five-inch string</li> <li>• 1 fuzzy ball</li> <li>• 1 large bandage</li> <li>• 1 large block</li> <li>• 1 nine-inch string</li> <li>• 1 open envelope</li> <li>• 1 rubber band (or piece of string)</li> <li>• 1 ruler</li> <li>• 1 sealed envelope</li> <li>• 1 six-inch string</li> <li>• 1 small bandage</li> <li>• 1 small block</li> <li>• 1 smooth ball</li> <li>• 1 three-foot string</li> <li>• 1 two-foot string</li> <li>• 1 yardstick</li> <li>• 2 boxes</li> <li>• 2 decks of cards (in boxes)</li> <li>• 2 identical 12-count boxes of markers</li> <li>• 2 notebooks</li> <li>• 2 paper plates</li> <li>• 2 plates</li> <li>• 2 shirts</li> <li>• 2 shoeboxes</li> <li>• 2 shoes</li> <li>• 2 water bottles</li> <li>• 3 books</li> <li>• 5 cotton swabs</li> <li>• 50 pennies</li> <li>• 6 craft sticks</li> <li>• 6 folders</li> <li>• 6 number cubes</li> <li>• 6 paint brushes</li> <li>• 6 rulers</li> <li>• 7 dominoes</li> </ul>

Grade 3	Common Materials Used to Administer Testlets for Students Who Are Blind or Have Visual Impairments
	<ul style="list-style-type: none"> <li>• 1 circle divided into 2 unequal parts</li> <li>• 1 circle divided into fourths</li> <li>• 1 circle divided into halves</li> <li>• 1 circle divided into tenths</li> <li>• 1 circle divided into thirds</li> <li>• 1 circle representing <math>\frac{1}{10}</math></li> <li>• 1 circle representing <math>\frac{1}{2}</math></li> <li>• 1 circle representing <math>\frac{1}{3}</math></li> <li>• 1 circle representing <math>\frac{1}{4}</math></li> <li>• 1 circle representing <math>\frac{1}{5}</math></li> <li>• 1 circle representing <math>\frac{2}{3}</math></li> <li>• 1 circle representing <math>\frac{3}{3}</math></li> <li>• 1 circle representing <math>\frac{3}{4}</math></li> <li>• 1 cone</li> <li>• 1 container with 10 compartments</li> <li>• 1 container with 12 compartments</li> <li>• 1 large circle</li> <li>• 1 medium-length object</li> <li>• 1 object that is 4 informal units long</li> <li>• 1 object that is 5 informal units long</li> <li>• 1 object with the measurable attribute of height</li> <li>• 1 rectangle divided into 3 unequal parts</li> <li>• 1 rectangle divided into fourths</li> <li>• 1 rectangle divided into halves</li> <li>• 1 rectangle divided into thirds</li> <li>• 1 set of 20 objects to serve as informal units of measure</li> <li>• 1 set of 21 objects</li> <li>• 1 set of 32 objects</li> <li>• 1 small circle</li> <li>• 1 small rectangle</li> <li>• 1 small triangle</li> <li>• 1 square divided into 3 unequal parts</li> <li>• 1 square divided into 4 unequal parts</li> <li>• 1 square divided into halves</li> <li>• 1 square divided into thirds</li> <li>• 1 square representing <math>\frac{1}{2}</math></li> <li>• 1 square representing <math>\frac{1}{4}</math></li> <li>• 1 square representing <math>\frac{2}{4}</math></li> <li>• 1 square representing <math>\frac{3}{4}</math></li> <li>• 1 star divided into 4 unequal parts</li> <li>• 1 star divided into 6 unequal parts</li> <li>• 1 tactile digital clock</li> <li>• 1 tactile material to create groups</li> <li>• 1 tactile picture graph</li> <li>• 1 ten</li> </ul>

Grade 3	Common Materials Used to Administer Testlets for Students Who Are Blind or Have Visual Impairments
	<ul style="list-style-type: none"> <li>• 1 triangle divided into 2 unequal parts</li> <li>• 1 triangle divided into halves</li> <li>• 1 whole star</li> <li>• 1 whole trapezoid</li> <li>• 1/2 of a circle</li> <li>• 1/3 of a rectangle</li> <li>• 10 tens</li> <li>• 14 ones</li> <li>• 2 circles divided into 3 unequal parts</li> <li>• 2 containers with 4 compartments each</li> <li>• 2 large squares</li> <li>• 2 long objects</li> <li>• 2 medium rectangles</li> <li>• 2 medium squares</li> <li>• 2 parallelograms</li> <li>• 2 rectangles divided into 2 unequal parts</li> <li>• 2 rectangles divided into 4 unequal parts</li> <li>• 2 sets of objects where each set contains 1 whole object and 2 parts of an identical object</li> <li>• 2 short objects</li> <li>• 2 squares divided into 2 unequal parts</li> <li>• 2 tactile bar graphs</li> <li>• 2 tactile number charts</li> <li>• 2 trapezoids</li> <li>• 3 arrows</li> <li>• 3 circles</li> <li>• 3 diamonds</li> <li>• 3 large rectangles</li> <li>• 3 large triangles</li> <li>• 3 medium triangles</li> <li>• 3 small squares</li> <li>• 3 small triangles</li> <li>• 3 tactile analog clocks</li> <li>• 4 circles divided into 4 unequal parts</li> <li>• tactile letters</li> </ul>

Grade 4	Common Materials Used to Administer Testlets
	<ul style="list-style-type: none"> <li>• 1 balance scale</li> <li>• 1 empty mixing bowl</li> <li>• 1 large bunch of grapes</li> <li>• 1 measuring cup</li> <li>• 1 metal spoon</li> <li>• 1 open envelope</li> <li>• 1 pan scale</li> <li>• 1 plastic spoon</li> <li>• 1 rubber band (or piece of string)</li> <li>• 1 sealed envelope</li> <li>• 1 straw cut into 4 pieces</li> <li>• 1 whole straw</li> <li>• 2 fraction pizzas</li> <li>• 2 gallons of water</li> <li>• 2 identical 12-count boxes of crayons</li> <li>• 2 identical 6-count popcorn boxes</li> <li>• 2 identical 8-count packs of paint brushes</li> <li>• 2 identical bandages</li> <li>• 2 identical crayons</li> <li>• 2 identical gloves</li> <li>• 2 identical toothbrushes</li> <li>• 2 large untied shoes</li> <li>• 2 potatoes</li> <li>• 2 quarts of water</li> <li>• 2 shoe boxes</li> <li>• 2 small tied shoes</li> <li>• 2 two-gallon pitchers</li> <li>• 2 two-quart pitchers</li> <li>• 20 marbles</li> <li>• 50 cotton balls</li> <li>• 6 bananas</li> <li>• 6 markers</li> <li>• 7 pencils</li> <li>• food coloring</li> </ul>

Grade 4	Common Materials Used to Administer Testlets for Students Who Are Blind or Have Visual Impairments
---------	--

- 1 circle divided into 3 unequal parts
- 1 circle divided into fourths
- 1 circle divided into halves
- 1 circle divided into thirds
- 1 circle representing  $\frac{1}{4}$
- 1 circle representing  $\frac{1}{5}$
- 1 circle representing  $\frac{3}{4}$
- 1 continuous substance
- 1 large obtuse angle
- 1 line
- 1 line segment
- 1 liquid measuring cup
- 1 object with the measurable attribute of height
- 1 object with the measurable attribute of length
- 1 point
- 1 quarter
- 1 ray
- 1 rectangle divided into halves
- 1 rectangle divided into thirds
- 1 rectangle representing  $\frac{1}{2}$
- 1 rectangle representing  $\frac{1}{3}$
- 1 rectangle representing  $\frac{1}{4}$
- 1 rectangle representing  $\frac{1}{6}$
- 1 rectangle representing  $\frac{2}{2}$
- 1 rectangle with discernible square units measuring  $3 \times 2$
- 1 rectangle with discernible square units measuring  $4 \times 3$
- 1 rectangle with discernible square units measuring  $5 \times 3$
- 1 rectangle with discernible square units measuring  $5 \times 4$
- 1 rectangle with discernible square units measuring  $6 \times 4$
- 1 rectangle with discernible square units measuring  $7 \times 4$
- 1 set of angled line segments
- 1 set of non-perpendicular intersecting lines
- 1 set of parallel line segments
- 1 set of parallel lines
- 1 set of perpendicular line segments
- 1 small obtuse angle
- 1 square measuring  $1 \times 1$
- 1 square with discernible square units measuring  $3 \times 3$
- 1 tactile material to create groups
- 1 tactile number line
- 1 ten-dollar bill
- 1 ten-pound object
- 1 three-pound object
- 1 two-cup container
- 1 whole rectangle

Grade 4	Common Materials Used to Administer Testlets for Students Who Are Blind or Have Visual Impairments
	<ul style="list-style-type: none"> <li>• 1/2 of a small circle</li> <li>• 1/4 of a circle</li> <li>• 1/8 of a large circle</li> <li>• 19 ones</li> <li>• 2 circles divided into 2 unequal parts</li> <li>• 2 circles divided into 4 unequal parts</li> <li>• 2 heavy objects</li> <li>• 2 light objects</li> <li>• 2 sets of 2 containers</li> <li>• 2 sets of 41 objects</li> <li>• 2 similar objects</li> <li>• 2 tactile picture graphs</li> <li>• 2 ten-pound sets of objects</li> <li>• 27 stackable objects</li> <li>• 3 large acute angles</li> <li>• 3 medium acute angles</li> <li>• 3 obtuse angles</li> <li>• 3 right angles</li> <li>• 3 small acute angles</li> <li>• 3 tactile analog clocks</li> <li>• 3 tactile bar graphs</li> <li>• 4 circles</li> <li>• 4 squares</li> <li>• 4 tens</li> <li>• 4 triangles</li> <li>• 6 identical containers</li> </ul>



Grade 5	Common Materials Used to Administer Testlets
---------	--

- 1 balance scale
- 1 bowl
- 1 box
- 1 empty container measuring 3" x 3"
- 1 empty container measuring 3" x 5"
- 1 empty container measuring 4" x 4"
- 1 empty container measuring 5" x 7"
- 1 empty container measuring 5" x 8"
- 1 empty container measuring 6" x 9"
- 1 empty water bottle
- 1 full water bottle
- 1 half-full water bottle
- 1 hardcover storybook
- 1 large book
- 1 large button
- 1 large notebook
- 1 large pen
- 1 nine-inch piece of string
- 1 pan scale
- 1 paperback storybook
- 1 pencil with an eraser top
- 1 pencil without an eraser top
- 1 rubber band (or piece of string)
- 1 small book
- 1 small button
- 1 small notebook
- 1 small pen
- 1 three-inch string
- 1 weight set for measuring ounces
- 1 weight set for measuring pounds
- 10 counters
- 2 identical 12-count boxes of pencils
- 2 identical 8-count packs of crayons
- 2 identical calculators
- 2 identical tape measures
- 2 jars
- 2 long pencils
- 2 medium-length pencils
- 2 plastic bags
- 2 rulers with inches clearly marked
- 2 shoes
- 2 short pencils
- 200 one-inch unit cubes
- 3 oranges
- 4 apples
- 5 grapes

Grade 5	Common Materials Used to Administer Testlets
	<ul style="list-style-type: none"><li>• 5 strawberries</li><li>• 6 glue sticks</li><li>• 7 buttons</li><li>• 7 crayons</li><li>• 7 markers</li></ul>

Grade 5	Common Materials Used to Administer Testlets for Students Who Are Blind or Have Visual Impairments
	<ul style="list-style-type: none"> <li>• 1 circle divided into fourths</li> <li>• 1 circle divided into halves</li> <li>• 1 circle divided into tenths</li> <li>• 1 circle divided into thirds</li> <li>• 1 circle representing <math>1/10</math></li> <li>• 1 circle representing <math>1/2</math></li> <li>• 1 circle representing <math>1/3</math></li> <li>• 1 circle representing <math>1/4</math></li> <li>• 1 circle representing <math>2/3</math></li> <li>• 1 cone</li> <li>• 1 cube</li> <li>• 1 dime</li> <li>• 1 equal sign</li> <li>• 1 equilateral triangle</li> <li>• 1 fifteen-pound object</li> <li>• 1 greater than sign</li> <li>• 1 large rectangular prism</li> <li>• 1 large square</li> <li>• 1 less than sign</li> <li>• 1 nickel</li> <li>• 1 object scaled to represent a 3-foot tall object</li> <li>• 1 object scaled to represent a 5-foot tall object</li> <li>• 1 one-dollar bill</li> <li>• 1 one-foot long object</li> <li>• 1 quarter</li> <li>• 1 rectangle divided into fourths</li> <li>• 1 rectangle divided into halves</li> <li>• 1 rectangle divided into sixths</li> <li>• 1 rectangle divided into tenths</li> <li>• 1 rectangle divided into thirds</li> <li>• 1 rectangle representing <math>1/2</math></li> <li>• 1 rectangle representing <math>1/3</math></li> <li>• 1 rectangle representing <math>1/4</math></li> <li>• 1 rectangular object</li> <li>• 1 rectangular prism with discernible cubic units measuring <math>2 \times 2 \times 1</math></li> <li>• 1 rectangular prism with discernible cubic units measuring <math>2 \times 3 \times 1</math></li> <li>• 1 rectangular prism with discernible cubic units measuring <math>2 \times 4 \times 2</math></li> <li>• 1 rectangular prism with discernible cubic units measuring <math>3 \times 3 \times 1</math></li> <li>• 1 rectangular prism with discernible cubic units measuring <math>3 \times 4 \times 1</math></li> <li>• 1 rectangular prism with discernible cubic units measuring <math>4 \times 1 \times 2</math></li> <li>• 1 rhombus</li> <li>• 1 small square</li> <li>• 1 sphere</li> <li>• 1 tactile bar graph</li> <li>• 1 tactile function graph</li> </ul>

Grade 5	Common Materials Used to Administer Testlets for Students Who Are Blind or Have Visual Impairments
	<ul style="list-style-type: none"> <li>• 1 tactile material to create groups</li> <li>• 1 three-foot long object</li> <li>• 1 trapezoid</li> <li>• 1 triangle divided into 2 unequal parts</li> <li>• 1 triangle divided into 4 unequal parts</li> <li>• 1 triangle divided into thirds</li> <li>• 1 two-pound object</li> <li>• 11 tens</li> <li>• 2 circles divided into 3 unequal parts</li> <li>• 2 circles divided into 4 unequal parts</li> <li>• 2 congruent cylinders</li> <li>• 2 large right triangles</li> <li>• 2 medium squares</li> <li>• 2 pennies</li> <li>• 2 sets of 40 objects</li> <li>• 2 small right triangles</li> <li>• 3 long objects</li> <li>• 3 medium-length objects</li> <li>• 3 short objects</li> <li>• 3 small rectangular prisms</li> <li>• 3 tactile analog clocks</li> <li>• 3 tactile picture graphs</li> <li>• 4 containers with 10 compartments each</li> <li>• 5 rectangles of equal length and different widths</li> <li>• 8 ones</li> <li>• 9 circles varying in size</li> <li>• 9 rectangles varying in size</li> <li>• 9 squares varying in size</li> <li>• 9 triangles varying in size</li> </ul>

Grade 6	Common Materials Used to Administer Testlets
	<ul style="list-style-type: none"> <li>• 1 ribbon cut into parts</li> <li>• 1 rubber band (or piece of string)</li> <li>• 1 whole ribbon</li> <li>• 2 bowls</li> <li>• 2 fraction pizzas</li> <li>• 2 fuzzy ribbons varying in length</li> <li>• 2 identical 12-count boxes of colored pencils</li> <li>• 2 identical 6-count packs of toothbrushes</li> <li>• 2 jars</li> <li>• 2 silk ribbons varying in length</li> <li>• 2 straight chenille stems varying in length</li> <li>• 2 twisted chenille stems varying in length</li> <li>• 6 clothespins</li> <li>• 7 cards</li> <li>• 7 checkers</li> <li>• 7 pom poms</li> <li>• 7 straws</li> <li>• 8 beads</li> </ul>

Grade 6	Common Materials Used to Administer Testlets for Students Who Are Blind or Have Visual Impairments
	<ul style="list-style-type: none"> <li>• 1 circle</li> <li>• 1 circle divided into fourths</li> <li>• 1 circle divided into halves</li> <li>• 1 circle divided into tenths</li> <li>• 1 circle divided into thirds</li> <li>• 1 circle representing <math>\frac{1}{3}</math></li> <li>• 1 circle representing <math>\frac{2}{3}</math></li> <li>• 1 container with 10 compartments</li> <li>• 1 container with 8 compartments</li> <li>• 1 continuous substance</li> <li>• 1 rectangle divided into halves</li> <li>• 1 rectangle measuring 4 x 2</li> <li>• 1 rectangle measuring 4 x 3</li> <li>• 1 rectangle measuring 5 x 3</li> <li>• 1 rectangle measuring 5 x 4</li> <li>• 1 rectangle measuring 6 x 4</li> <li>• 1 rectangle with discernible square units measuring 3 x 2</li> <li>• 1 rectangle with discernible square units measuring 4 x 2</li> <li>• 1 rectangle with discernible square units measuring 4 x 3</li> <li>• 1 rectangle with discernible square units measuring 4 x 5</li> <li>• 1 rectangle with discernible square units measuring 5 x 3</li> <li>• 1 rectangle with discernible square units measuring 5 x 4</li> <li>• 1 rectangle with discernible square units measuring 6 x 4</li> <li>• 1 rectangle with the area shaded</li> <li>• 1 rectangular prism measuring 4 x 3 x 2</li> <li>• 1 rectangular prism measuring 5 x 2 x 5</li> <li>• 1 rectangular prism measuring 5 x 3 x 2</li> <li>• 1 rectangular prism measuring 5 x 4 x 3</li> <li>• 1 rectangular prism measuring 6 x 4 x 2</li> <li>• 1 rectangular prism with discernible cubic units measuring 2 x 1 x 2</li> <li>• 1 rectangular prism with discernible cubic units measuring 2 x 1 x 3</li> <li>• 1 rectangular prism with discernible cubic units measuring 3 x 1 x 2</li> <li>• 1 rectangular prism with discernible cubic units measuring 3 x 1 x 4</li> <li>• 1 rectangular prism with discernible cubic units measuring 3 x 3 x 1</li> <li>• 1 rectangular prism with discernible cubic units measuring 4 x 1 x 2</li> <li>• 1 rectangular prism with discernible cubic units measuring 5 x 1 x 2</li> <li>• 1 square</li> <li>• 1 square divided into halves</li> <li>• 1 tactile line plot</li> <li>• 1 tactile material to create groups</li> <li>• 1 tactile thermometer</li> <li>• 1 triangle</li> <li>• 2 circles divided into 3 unequal parts</li> <li>• 2 rectangles divided into 2 unequal parts</li> <li>• 2 sets of 40 objects</li> </ul>

Grade 6	Common Materials Used to Administer Testlets for Students Who Are Blind or Have Visual Impairments
<ul style="list-style-type: none"><li>• 2 squares divided into 2 unequal parts</li><li>• 2 squares divided into 4 unequal parts</li><li>• 2 squares divided into fourths</li><li>• 20 unit cubes</li><li>• 3 tactile number lines</li><li>• 4 identical containers</li><li>• 7 tactile bar graphs</li></ul>	

Grade 7	Common Materials Used to Administer Testlets
	<ul style="list-style-type: none"> <li>• 1 domino</li> <li>• 1 large laced shoe</li> <li>• 1 large laceless shoe (hook and loop fastener or zipper)</li> <li>• 1 large smooth ball</li> <li>• 1 large wet sponge</li> <li>• 1 rubber band (or piece of string)</li> <li>• 1 small dry sponge</li> <li>• 1 small fuzzy ball</li> <li>• 1 small laced shoe</li> <li>• 1 small smooth ball</li> <li>• 1 small wet sponge</li> <li>• 1 spoon</li> <li>• 2 identical 10-count packs of glue sticks</li> <li>• 2 identical 12-count boxes of chalk</li> <li>• 2 identical 12-count boxes of markers</li> <li>• 2 identical 12-count packs of pencils</li> <li>• 2 identical 14-count packs of gum</li> <li>• 2 identical blocks</li> <li>• 2 identical cups</li> <li>• 2 identical pennies</li> <li>• 2 rubber gloves</li> <li>• 3 bottles that range in fullness from least full to most full</li> <li>• 3 crayons</li> <li>• 4 cloth gloves varying in size</li> <li>• 6 identical number cubes</li> <li>• 6 identical toothbrushes</li> </ul>



Grade 7	Common Materials Used to Administer Testlets for Students Who Are Blind or Have Visual Impairments
	<ul style="list-style-type: none"> <li>• 1 circle representing <math>\frac{1}{3}</math></li> <li>• 1 cube</li> <li>• 1 cylinder</li> <li>• 1 equal sign</li> <li>• 1 greater than sign</li> <li>• 1 hexagon with each side measuring 2 units</li> <li>• 1 large acute angle</li> <li>• 1 large cone</li> <li>• 1 less than sign</li> <li>• 1 line</li> <li>• 1 line segment</li> <li>• 1 medium square</li> <li>• 1 obtuse angle</li> <li>• 1 pentagon with each side measuring 4 units</li> <li>• 1 point</li> <li>• 1 ray</li> <li>• 1 rectangle measuring 7 x 3</li> <li>• 1 rectangle measuring 8 x 3</li> <li>• 1 rectangular prism</li> <li>• 1 right angle</li> <li>• 1 right triangle with sides measuring 5, 12, and 13 units</li> <li>• 1 set of parallel lines</li> <li>• 1 small acute angle</li> <li>• 1 small equilateral triangle</li> <li>• 1 square divided into halves</li> <li>• 1 square representing <math>\frac{1}{2}</math></li> <li>• 1 tactile line plot</li> <li>• 1 tactile material to create groups</li> <li>• 1 tactile spinner</li> <li>• 1 triangle with sides measuring 3, 4, and 5 units</li> <li>• 2 large congruent equilateral triangles</li> <li>• 2 large congruent rectangles</li> <li>• 2 large congruent spheres</li> <li>• 2 sets of 30 objects</li> <li>• 2 sets of objects where each set contains 1 whole object and 1 part of an identical object</li> <li>• 2 small congruent cones</li> <li>• 2 small congruent spheres</li> <li>• 2 small triangles</li> <li>• 2 squares divided into 2 unequal parts</li> <li>• 3 congruent circles</li> <li>• 3 containers with 10 compartments each</li> <li>• 3 diamonds</li> <li>• 3 large congruent squares</li> <li>• 3 small rectangles</li> <li>• 3 small squares</li> </ul>

Grade 7	Common Materials Used to Administer Testlets for Students Who Are Blind or Have Visual Impairments
<ul style="list-style-type: none"><li>• 3 tactile coordinate grids</li><li>• 40 stackable objects</li><li>• 7 tactile bar graphs</li><li>• tactile letters</li><li>• tactile numbers</li></ul>	

Grade 8	Common Materials Used to Administer Testlets
	<ul style="list-style-type: none"> <li>• 1 large heavy cup</li> <li>• 1 large metal spoon</li> <li>• 1 large sock</li> <li>• 1 rough piece of paper</li> <li>• 1 rubber band (or piece of string)</li> <li>• 1 small heavy cup</li> <li>• 1 small light cup</li> <li>• 1 small metal spoon</li> <li>• 1 small sock</li> <li>• 1 small wooden spoon</li> <li>• 1 smooth piece of paper</li> <li>• 2 bent paper clips</li> <li>• 2 cloth bags varying in size</li> <li>• 2 dry sponges</li> <li>• 2 empty tissue boxes</li> <li>• 2 full tissue boxes</li> <li>• 2 identical 10-count packs of markers</li> <li>• 2 identical 12-count packs of colored pencils</li> <li>• 2 identical keys</li> <li>• 2 plastic bags varying in size</li> <li>• 2 unbent paper clips</li> <li>• 2 wet sponges</li> <li>• 3 craft sticks</li> <li>• 3 erasers</li> <li>• 3 identical dominoes</li> <li>• 3 napkins</li> <li>• 3 number cubes</li> <li>• 3 pennies</li> <li>• 6 cotton swabs</li> <li>• 7 cards</li> <li>• 7 crayons</li> <li>• 8 checkers</li> </ul>

Grade 8	Common Materials Used to Administer Testlets for Students Who Are Blind or Have Visual Impairments
	<ul style="list-style-type: none"> <li>• 1 acute angle</li> <li>• 1 ellipse</li> <li>• 1 large rectangular prism</li> <li>• 1 line</li> <li>• 1 line segment</li> <li>• 1 object with the measurable attribute of length</li> <li>• 1 object with the measurable attribute of volume</li> <li>• 1 object with the measurable attribute of weight</li> <li>• 1 obtuse angle</li> <li>• 1 parallelogram measuring 4 x 5</li> <li>• 1 parallelogram measuring 8 x 3</li> <li>• 1 ray</li> <li>• 1 rectangle measuring 10 x 8</li> <li>• 1 rectangle measuring 11 x 5</li> <li>• 1 rectangle measuring 7 x 6</li> <li>• 1 rectangle representing <math>\frac{1}{4}</math></li> <li>• 1 rectangle with discernible square units measuring 10 x 5</li> <li>• 1 rectangle with discernible square units measuring 5 x 3</li> <li>• 1 rectangle with discernible square units measuring 6 x 4</li> <li>• 1 right angle</li> <li>• 1 set of adjacent angles measuring 15 and 30 degrees</li> <li>• 1 set of adjacent angles measuring 40 and 70 degrees</li> <li>• 1 set of complementary angles measuring 40 and 50 degrees</li> <li>• 1 small cube</li> <li>• 1 small rectangular prism</li> <li>• 1 square</li> <li>• 1 star divided into 6 unequal parts</li> <li>• 1 tactile material to create groups</li> <li>• 1 tactile table</li> <li>• 1 whole star</li> <li>• 2 large congruent rectangles</li> <li>• 2 large congruent right triangles</li> <li>• 2 large cubes</li> <li>• 2 sets of 39 objects</li> <li>• 2 small congruent equilateral triangles</li> <li>• 2 tactile function graphs</li> <li>• 3 large equilateral triangles</li> <li>• 3 small congruent right triangles</li> <li>• 3 tactile bar graphs</li> <li>• 3 tactile function tables</li> <li>• 3 tactile line plots</li> <li>• 3 tactile tally charts</li> <li>• 4 containers with 10 compartments each</li> <li>• 4 tactile coordinate planes</li> </ul>

Grade 9	Common Materials Used to Administer Testlets
	<ul style="list-style-type: none"> <li>• 1 big ball</li> <li>• 1 fuzzy ribbon</li> <li>• 1 glue stick</li> <li>• 1 key</li> <li>• 1 large empty tissue box</li> <li>• 1 large full tissue box</li> <li>• 1 large paper plate</li> <li>• 1 rubber band (or piece of string)</li> <li>• 1 small ball</li> <li>• 1 small ceramic plate</li> <li>• 1 small full tissue box</li> <li>• 1 small paper plate</li> <li>• 2 four-inch straws</li> <li>• 2 identical 12-count boxes of crayons</li> <li>• 2 identical 8-count packs of pencils</li> <li>• 2 identical bottle caps</li> <li>• 2 identical dominoes</li> <li>• 2 identical gloves</li> <li>• 2 identical paint brushes</li> <li>• 2 pencils</li> <li>• 2 silk ribbons</li> <li>• 2 spoons</li> <li>• 4 six-inch straws</li> <li>• 5 erasers</li> <li>• 5 markers</li> <li>• 5 straws</li> <li>• 6 checkers</li> <li>• 6 craft sticks</li> <li>• 7 buttons</li> <li>• 7 cards</li> <li>• 7 connecting blocks</li> <li>• 7 cotton balls</li> <li>• 7 paper clips</li> </ul>

Grade 9	Common Materials Used to Administer Testlets for Students Who Are Blind or Have Visual Impairments
	<ul style="list-style-type: none"> <li>• 1 acute angle</li> <li>• 1 circle</li> <li>• 1 circular object</li> <li>• 1 cylinder</li> <li>• 1 cylindrical object</li> <li>• 1 hexagon</li> <li>• 1 line</li> <li>• 1 line segment</li> <li>• 1 object with the measurable attribute of weight</li> <li>• 1 object with the measurable attributes of height and length</li> <li>• 1 obtuse angle</li> <li>• 1 octagon</li> <li>• 1 point</li> <li>• 1 pyramid</li> <li>• 1 rectangle measuring 5 x 2</li> <li>• 1 rectangle measuring 7 x 3</li> <li>• 1 rectangle measuring 8 x 3</li> <li>• 1 rectangle with discernible square units measuring 5 x 2</li> <li>• 1 rectangle with discernible square units measuring 8 x 3</li> <li>• 1 rectangular object</li> <li>• 1 rectangular prism</li> <li>• 1 right angle</li> <li>• 1 set of angled line segments</li> <li>• 1 set of non-perpendicular intersecting lines</li> <li>• 1 set of parallel line segments</li> <li>• 1 set of parallel lines</li> <li>• 1 set of perpendicular lines</li> <li>• 1 small cube</li> <li>• 1 small rectangle</li> <li>• 1 spherical object</li> <li>• 1 square</li> <li>• 1 straight angle</li> <li>• 1 tactile material to create groups</li> <li>• 10 tens</li> <li>• 17 stackable objects</li> <li>• 18 ones</li> <li>• 2 congruent cones</li> <li>• 2 congruent right triangles</li> <li>• 2 large congruent equilateral triangles</li> <li>• 2 rays</li> <li>• 2 sets of 40 objects</li> <li>• 2 sets of adjacent angles</li> <li>• 2 sets of perpendicular line segments</li> <li>• 3 large congruent cubes</li> <li>• 3 large congruent rectangles</li> </ul>

<b>Grade 9</b>	<b>Common Materials Used to Administer Testlets for Students Who Are Blind or Have Visual Impairments</b>
	<ul style="list-style-type: none"><li>• 3 small congruent equilateral triangles</li></ul>

Grade 10	Common Materials Used to Administer Testlets
	<ul style="list-style-type: none"> <li>• 1 large basket with a handle</li> <li>• 1 small basket with a handle</li> <li>• 1 small basket without a handle</li> <li>• 2 identical beads</li> <li>• 2 identical cards</li> <li>• 2 identical pennies</li> <li>• 2 identical pieces of chalk</li> <li>• 2 large ceramic plates</li> <li>• 2 small paper cups</li> <li>• 2 small paper plates</li> <li>• 3 balls varying in size</li> <li>• 3 craft sticks</li> <li>• 3 erasers</li> <li>• 3 large plastic cups</li> <li>• 3 notebooks</li> <li>• 3 pencils</li> <li>• 3 ribbons varying in length</li> <li>• 3 straws</li> <li>• 5 rulers</li> <li>• 6 crayons</li> <li>• 7 buttons</li> <li>• 7 cotton swabs</li> <li>• 7 glue sticks</li> <li>• 7 spoons</li> </ul>



Grade 10	Common Materials Used to Administer Testlets for Students Who Are Blind or Have Visual Impairments
	<ul style="list-style-type: none"> <li>• 1 cube</li> <li>• 1 cylinder</li> <li>• 1 narrow rectangle</li> <li>• 1 small isosceles triangle</li> <li>• 1 sphere</li> <li>• 1 wide rectangle</li> <li>• 2 congruent cones</li> <li>• 2 congruent equilateral triangles</li> <li>• 2 congruent rectangles</li> <li>• 2 congruent right triangles</li> <li>• 2 large congruent isosceles triangles</li> <li>• 2 tactile coordinate planes</li> <li>• 3 circles</li> <li>• 3 pentagons</li> <li>• 3 squares</li> <li>• 3 tactile number lines</li> <li>• 3 tactile picture graphs</li> <li>• 3 tactile pie charts</li> <li>• 4 sets of 5 objects</li> <li>• 6 tactile bar graphs</li> <li>• 6 tactile function graphs</li> <li>• 6 tactile function tables</li> <li>• 6 tactile line graphs</li> </ul>

Grade 11	Common Materials Used to Administer Testlets
	<ul style="list-style-type: none"> <li>• 1 medium size eraser</li> <li>• 2 empty tissue boxes varying in size</li> <li>• 2 full tissue boxes varying in size</li> <li>• 2 identical adhesive bandages</li> <li>• 2 identical checkers</li> <li>• 2 identical keys</li> <li>• 2 identical pieces of chalk</li> <li>• 2 large erasers</li> <li>• 2 markers</li> <li>• 2 pennies</li> <li>• 2 rough pieces of paper (sandpaper) varying in size</li> <li>• 2 small pencil top erasers</li> <li>• 2 smooth pieces of paper varying in size</li> <li>• 3 beads</li> <li>• 3 bowls</li> <li>• 3 calculators</li> <li>• 3 cards</li> <li>• 3 chenille stems</li> <li>• 3 coins</li> <li>• 3 cotton balls</li> <li>• 3 counters</li> <li>• 3 glue bottles</li> <li>• 3 pen caps</li> <li>• 3 pens</li> <li>• 3 pom poms</li> <li>• 3 toothbrushes</li> <li>• 5 erasers</li> <li>• 6 pencils</li> <li>• 6 spoons</li> <li>• 7 clothespins</li> </ul>

Grade 11	Common Materials Used to Administer Testlets for Students Who Are Blind or Have Visual Impairments
	<ul style="list-style-type: none"> <li>• 1 cone</li> <li>• 1 large cylinder</li> <li>• 1 large isosceles triangle</li> <li>• 1 large right triangle</li> <li>• 1 large sphere</li> <li>• 1 rectangular prism</li> <li>• 1 small cylinder</li> <li>• 1 small isosceles triangle</li> <li>• 1 small rectangle</li> <li>• 1 small sphere</li> <li>• 1 tactile line plot</li> <li>• 1 tactile material to create groups</li> <li>• 1 tactile pie chart</li> <li>• 2 large congruent equilateral triangles</li> <li>• 2 large congruent rectangles</li> <li>• 2 sets of 36 objects</li> <li>• 2 small congruent equilateral triangles</li> <li>• 2 small congruent right triangles</li> <li>• 2 tactile spinners</li> <li>• 3 and signs</li> <li>• 3 at signs</li> <li>• 3 medium congruent equilateral triangles</li> <li>• 3 number signs</li> <li>• 3 squares</li> <li>• 3 tactile coordinate planes</li> <li>• 4 tactile function tables</li> <li>• 7 tactile bar graphs</li> <li>• 8 tactile function graphs</li> <li>• tactile letters</li> <li>• tactile numbers</li> </ul>