



## Mathematics Materials Collections

### 2019 Integrated Model Spring Assessment Window

Dynamic Learning Maps<sup>®</sup> (DLM<sup>®</sup>) 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 commonly needed materials in mathematics testlets and gives test administrators more opportunity to prepare for the mathematics alternate assessment prior to the opening of the assessment 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)	two identical packs of flash cards
two objects that are the same size, and one object that is smaller than the other two	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 large blue block</li> <li>• 1 large yellow block</li> <li>• 1 paper clip</li> <li>• 1 plastic ruler</li> <li>• 1 rubber band (or piece of string)</li> <li>• 1 small blue block</li> <li>• 1 straw</li> <li>• 1 tray</li> <li>• 1 wooden ruler</li> <li>• 2 boxes</li> <li>• 2 decks of cards (in boxes)</li> <li>• 2 identical 16-count boxes of crayons</li> <li>• 2 identical bags</li> <li>• 2 identical crayons</li> <li>• 2 identical unpeeled stickers</li> <li>• 2 notebooks</li> <li>• 2 straws</li> <li>• 3 books</li> <li>• 5 erasers</li> <li>• 6 beads</li> <li>• 6 folders</li> <li>• 6 index cards</li> <li>• 6 trays</li> <li>• 8 paint brushes</li> <li>• cards numbered 1 to 30</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</li> <li>• 1 circle divided into 2 unequal parts</li> <li>• 1 circle divided into 3 unequal parts</li> <li>• 1 circle divided into 4 unequal parts</li> <li>• 1 circle divided into fourths</li> <li>• 1 circle divided into halves</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{2}{3}</math></li> <li>• 1 circle representing <math>\frac{3}{3}</math></li> <li>• 1 cylinder</li> <li>• 1 equal sign</li> <li>• 1 five-inch object</li> <li>• 1 forward slash</li> <li>• 1 four-inch object</li> <li>• 1 hundred</li> <li>• 1 percent sign</li> <li>• 1 rectangle</li> <li>• 1 rectangle divided into 2 unequal parts</li> <li>• 1 rectangle divided into 4 unequal parts</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 60 objects</li> <li>• 1 seven-inch object</li> <li>• 1 six-inch object</li> <li>• 1 square divided into halves</li> <li>• 1 square in parts</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 subtraction sign</li> <li>• 1 tactile bar graph</li> <li>• 1 tactile material to create groups</li> <li>• 1 tactile picture graph</li> <li>• 1 tactile ruler</li> <li>• 1 three-inch object</li> <li>• 1 two-inch object</li> <li>• 1 whole star</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>• 1/2 of a circle</li> <li>• 1/3 of a rectangle</li> <li>• 12 ones</li> <li>• 12 tactile digital clocks</li> <li>• 18 containers</li> <li>• 2 asterisks</li> <li>• 2 at signs</li> <li>• 2 circles divided into 4 unequal parts</li> <li>• 2 circles in parts</li> <li>• 2 dollar signs</li> <li>• 2 sets of 2 objects</li> <li>• 2 sets of objects where each set contains 1 whole object and 2 parts of an identical object</li> <li>• 2 squares divided into 2 unequal parts</li> <li>• 2 tactile bar graphs</li> <li>• 2 ten-dollar bills</li> <li>• 2 whole triangles</li> <li>• 3 and signs</li> <li>• 3 containers with 6 compartments each</li> <li>• 3 exclamation points</li> <li>• 3 large circles</li> <li>• 3 large triangles</li> <li>• 3 medium circles</li> <li>• 3 medium triangles</li> <li>• 3 number signs</li> <li>• 3 sets of 2 objects where the objects within each set vary in length</li> <li>• 3 small triangles</li> <li>• 3 squares</li> <li>• 3 tactile number charts</li> <li>• 5 small circles</li> <li>• 8 tens</li> <li>• tactile numbers</li> </ul>

Grade 4	Common Materials Used to Administer Testlets
	<ul style="list-style-type: none"> <li>• 1 apple or orange split into 4 parts</li> <li>• 1 book</li> <li>• 1 clear 1/2-gallon pitcher</li> <li>• 1 clear 4-cup measuring cup with the number of cups clearly marked</li> <li>• 1 cup</li> <li>• 1 heavy book</li> <li>• 1 key</li> <li>• 1 large circle bandage</li> <li>• 1 large dry towel</li> <li>• 1 light book</li> <li>• 1 picture</li> <li>• 1 rough towel</li> <li>• 1 rubber band (or piece of string)</li> <li>• 1 small circle bandage</li> <li>• 1 small dry towel</li> <li>• 1 small rectangle bandage</li> <li>• 1 small wet towel</li> <li>• 1 whole apple or orange</li> <li>• 10 identical connecting blocks</li> <li>• 2 bowls</li> <li>• 2 identical 12-count boxes of colored pencils</li> <li>• 2 identical adhesive bandages</li> <li>• 2 identical boxes of 12-count pencils</li> <li>• 2 identical buttons</li> <li>• 2 identical crayons</li> <li>• 2 identical soft towels</li> <li>• 2 paper bags varying in size</li> <li>• 2 pennies</li> <li>• 2 plastic resealable bags varying in size</li> <li>• 6 erasers</li> <li>• 6 socks</li> <li>• 7 buttons</li> <li>• 8 pencils</li> <li>• food coloring</li> <li>• water</li> </ul>

Grade 4	Common Materials Used to Administer Testlets for Students Who Are Blind or Have Visual Impairments
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- 1 addition sign
- 1 arrow
- 1 asterisk
- 1 cent sign
- 1 circle divided into 2 unequal parts
- 1 circle divided into 3 unequal parts
- 1 circle divided into 4 unequal parts
- 1 circle divided into 6 unequal parts
- 1 circle divided into fourths
- 1 circle divided into halves
- 1 circle divided into sixths
- 1 circle representing  $\frac{1}{2}$
- 1 circle representing  $\frac{1}{4}$
- 1 circle representing  $\frac{2}{4}$
- 1 circle representing  $\frac{3}{4}$
- 1 circle representing  $\frac{4}{4}$
- 1 circle with a radius of 1 unit
- 1 continuous substance
- 1 cube measuring 1 x 1 x 1
- 1 dime
- 1 division sign
- 1 dollar bill
- 1 ellipse divided into fourths
- 1 ellipse divided into halves
- 1 ellipse representing  $\frac{1}{2}$
- 1 equal sign
- 1 greater than sign
- 1 heart divided into halves
- 1 heavy object
- 1 large container
- 1 less than sign
- 1 light object
- 1 line segment
- 1 nickel
- 1 number sign
- 1 object with the measurable attribute of height
- 1 object with the measurable attribute of length
- 1 object with the measurable attribute of volume
- 1 object with the measurable attribute of weight
- 1 penny
- 1 point
- 1 quarter
- 1 ray
- 1 rectangle divided into 2 unequal parts
- 1 rectangle divided into 3 unequal parts

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 rectangle divided into 4 unequal parts</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 thirds</li> <li>• 1 rectangle measuring 3 x 1</li> <li>• 1 rectangle representing <math>\frac{1}{4}</math></li> <li>• 1 rectangle representing <math>\frac{2}{4}</math></li> <li>• 1 rectangle representing <math>\frac{4}{4}</math></li> <li>• 1 rectangle with discernible square units measuring 10 x 5</li> <li>• 1 rectangle with discernible square units measuring 3 x 4</li> <li>• 1 rectangle with discernible square units measuring 4 x 2</li> <li>• 1 rectangle with discernible square units measuring 4 x 3 with 3 square units missing</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 rectangle with discernible unit squares measuring 5 x 4</li> <li>• 1 rhombus</li> <li>• 1 set of 20 objects to serve as informal units of measure</li> <li>• 1 set of non-perpendicular intersecting lines</li> <li>• 1 set of parallel line segments</li> <li>• 1 set of perpendicular lines</li> <li>• 1 small acute angle</li> <li>• 1 small container</li> <li>• 1 square divided into halves</li> <li>• 1 square measuring 1 x 1</li> <li>• 1 square measuring 3 x 3</li> <li>• 1 square representing <math>\frac{0}{1}</math></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 square representing <math>\frac{4}{4}</math></li> <li>• 1 tactile bar graph</li> <li>• 1 tactile material to create dotted lines</li> <li>• 1 tactile material to create groups</li> <li>• 1 tactile picture graph</li> <li>• 1 ten-cup container</li> <li>• 1 triangle divided into halves</li> <li>• 1 two-cup container</li> <li>• 1 two-ounce object</li> <li>• 1 two-pound object</li> <li>• 1 whole ellipse</li> <li>• 1 whole object and 2 parts of an identical object</li> <li>• <math>\frac{1}{6}</math> of a rectangle</li> <li>• 2 congruent circles</li> </ul>



Grade 4	Common Materials Used to Administer Testlets for Students Who Are Blind or Have Visual Impairments
	<ul style="list-style-type: none"> <li>• 2 congruent hearts</li> <li>• 2 congruent rectangles</li> <li>• 2 sets of 4 containers</li> <li>• 2 sets of parallel lines</li> <li>• 2 sets of perpendicular line segments</li> <li>• 2 tactile bar graphs</li> <li>• 3 acute angles</li> <li>• 3 balance scales</li> <li>• 3 congruent half circles</li> <li>• 3 lines</li> <li>• 3 obtuse angles</li> <li>• 3 right angles</li> <li>• 3 sets of 22 objects</li> <li>• 3 tactile analog clocks</li> <li>• 35 stackable objects</li> <li>• 4 circles</li> <li>• 6 identical containers</li> <li>• 8 tactile digital clocks</li> <li>• 9 squares</li> <li>• 9 triangles</li> </ul>

Grade 5	Common Materials Used to Administer Testlets
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- 1 baseball
- 1 basket
- 1 basketball
- 1 big index card
- 1 block
- 1 domino
- 1 empty container measuring 4" x 4" x 3"
- 1 empty container measuring 5" x 8" x 2"
- 1 empty container measuring 6" x 2" x 3"
- 1 large black marker
- 1 marker
- 1 rubber band (or piece of string)
- 1 scale
- 1 small black marker
- 1 small index card
- 1 small red marker
- 1 sponge
- 1 spoon
- 1 tennis ball
- 2 cups
- 2 identical 12-count boxes of colored pencils
- 2 identical books
- 2 identical cards
- 2 identical empty egg cartons
- 2 identical erasers
- 2 identical folders
- 2 identical markers
- 2 round buttons varying in size
- 2 square buttons varying in size
- 24 plastic eggs
- 3 plates
- 4 different fruits or vegetables
- 5 plates
- 5 spoons
- 7 blocks
- 7 colored pencils
- 7 interlocking blocks
- 8 cards
- 8 pencils
- 80 one-inch unit cubes
- 9 connecting blocks

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 2 unequal parts with 1 part shaded</li> <li>• 1 circle divided into fourths</li> <li>• 1 circle divided into halves</li> <li>• 1 circle divided into thirds</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{2}{3}</math></li> <li>• 1 circle representing <math>\frac{2}{8}</math></li> <li>• 1 circle representing <math>\frac{3}{3}</math></li> <li>• 1 circle representing <math>\frac{3}{4}</math></li> <li>• 1 container packed with unit cubes</li> <li>• 1 cube measuring 1 x 1 x 1</li> <li>• 1 eight-ounce object</li> <li>• 1 equal sign</li> <li>• 1 equilateral triangle</li> <li>• 1 four-ounce object</li> <li>• 1 greater than sign</li> <li>• 1 heart</li> <li>• 1 large cone</li> <li>• 1 large cylinder</li> <li>• 1 large rectangle</li> <li>• 1 less than sign</li> <li>• 1 long object</li> <li>• 1 object scaled to represent a 10-foot tall object</li> <li>• 1 object scaled to represent a 5-foot tall object</li> <li>• 1 object with the measurable attribute of depth</li> <li>• 1 object with the measurable attribute of height</li> <li>• 1 object with the measurable attribute of length</li> <li>• 1 object with the measurable attribute of weight</li> <li>• 1 obtuse scalene triangle</li> <li>• 1 one-dollar bill</li> <li>• 1 quarter</li> <li>• 1 rectangle divided into fourths</li> <li>• 1 rectangle divided into halves</li> <li>• 1 rectangle divided into thirds</li> <li>• 1 rectangle representing <math>\frac{1}{10}</math></li> <li>• 1 rectangle representing <math>\frac{1}{3}</math></li> <li>• 1 rectangle representing <math>\frac{1}{4}</math></li> <li>• 1 rectangle representing <math>\frac{2}{10}</math></li> <li>• 1 rectangle representing <math>\frac{2}{3}</math></li> <li>• 1 rectangle representing <math>\frac{2}{4}</math></li> <li>• 1 rectangle representing <math>\frac{2}{5}</math></li> <li>• 1 rectangle representing <math>\frac{2}{8}</math></li> <li>• 1 rectangle representing <math>\frac{3}{4}</math></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 rectangle representing <math>\frac{3}{8}</math></li> <li>• 1 rectangle representing <math>\frac{4}{10}</math></li> <li>• 1 rectangle representing <math>\frac{6}{10}</math></li> <li>• 1 rectangle representing <math>\frac{6}{8}</math></li> <li>• 1 rectangle representing <math>\frac{7}{10}</math></li> <li>• 1 rectangle representing <math>\frac{8}{10}</math></li> <li>• 1 rectangle representing <math>\frac{9}{10}</math></li> <li>• 1 rectangular prism measuring <math>2 \times 2 \times 1</math></li> <li>• 1 rectangular prism measuring <math>3 \times 2 \times 1</math></li> <li>• 1 rectangular prism measuring <math>3 \times 2 \times 2</math></li> <li>• 1 rectangular prism with discernible cubic units measuring <math>2 \times 1 \times 2</math></li> <li>• 1 rectangular prism with discernible cubic units measuring <math>3 \times 1 \times 1</math></li> <li>• 1 rectangular prism with discernible cubic units measuring <math>3 \times 1 \times 2</math></li> <li>• 1 rectangular prism with discernible cubic units measuring <math>4 \times 1 \times 1</math></li> <li>• 1 rectangular prism with discernible cubic units measuring <math>4 \times 1 \times 2</math></li> <li>• 1 six-inch object</li> <li>• 1 six-pound object</li> <li>• 1 small cylinder</li> <li>• 1 small rectangle</li> <li>• 1 small triangle</li> <li>• 1 sphere</li> <li>• 1 square divided into 2 unequal parts</li> <li>• 1 square divided into 3 unequal parts</li> <li>• 1 square divided into fourths</li> <li>• 1 square divided into halves</li> <li>• 1 square representing <math>\frac{1}{2}</math></li> <li>• 1 square representing <math>\frac{1}{3}</math></li> <li>• 1 square representing <math>\frac{3}{4}</math></li> <li>• 1 tactile material to create groups</li> <li>• 1 tactile table</li> <li>• 1 ten-dollar bill</li> <li>• 1 three-inch object</li> <li>• 1 trapezoid</li> <li>• 1 triangular prism</li> <li>• 1 twelve-pound object</li> <li>• 10 pennies</li> <li>• 13 ones</li> <li>• 16 tens</li> <li>• 17 connecting cubes</li> <li>• 2 circles divided into 2 unequal parts</li> <li>• 2 circles divided into 3 unequal parts</li> <li>• 2 congruent cubes</li> <li>• 2 congruent ellipses</li> <li>• 2 congruent hexagons</li> <li>• 2 congruent rectangles</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>• 2 congruent stars</li> <li>• 2 congruent trapezoids</li> <li>• 2 large squares</li> <li>• 2 medium circles</li> <li>• 2 medium triangles</li> <li>• 2 small circles</li> <li>• 2 small congruent cones</li> <li>• 2 small triangles</li> <li>• 2 squares divided into 4 unequal parts</li> <li>• 3 containers with 4 compartments each</li> <li>• 3 heavy objects</li> <li>• 3 light objects</li> <li>• 3 medium-height objects</li> <li>• 3 medium-weight objects</li> <li>• 3 sets of 39 objects</li> <li>• 3 short objects</li> <li>• 3 tactile bar graphs</li> <li>• 3 tactile number lines</li> <li>• 3 tactile picture graphs</li> <li>• 3 tall objects</li> <li>• 35 stackable objects</li> <li>• 4 containers with 10 compartments each</li> <li>• 4 containers with 8 compartments each</li> <li>• 4 squares</li> <li>• 4 tactile digital clocks</li> <li>• 4 tactile line plots</li> <li>• 5 large circles</li> <li>• 5 nickels</li> <li>• 5 tactile analog clocks</li> <li>• 6 large triangles</li> <li>• 7 dimes</li> <li>• tactile letters</li> <li>• tactile numbers</li> </ul>

Grade 6	Common Materials Used to Administer Testlets
	<ul style="list-style-type: none"><li>• 1 basket</li><li>• 1 empty box of tea bags</li><li>• 1 empty shoe box</li><li>• 1 empty tissue box</li><li>• 2 bowls</li><li>• 2 dry sponges varying in size</li><li>• 2 glue sticks</li><li>• 2 identical 12-count blister packs of gum</li><li>• 2 identical 14-count packs of gum</li><li>• 2 identical puzzles (at least 4 pieces each)</li><li>• 2 packages of straws</li><li>• 2 water bottles with lids</li><li>• 2 wet sponges varying in size</li><li>• 200 one-inch unit cubes</li><li>• 5 cups</li><li>• 6 buttons</li><li>• 6 erasers</li><li>• 7 colored chips</li><li>• 7 crackers</li><li>• 9 cards</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 cube measuring 1 x 1 x 1</li> <li>• 1 object with the measurable attribute of volume</li> <li>• 1 rectangular prism measuring 2 x 1 x 1</li> <li>• 1 square</li> <li>• 1 square measuring 3 x 3</li> <li>• 1 square measuring 4 x 4</li> <li>• 1 square measuring 5 x 5</li> <li>• 1 square with discernible square units measuring 3 x 3</li> <li>• 1 tactile line graph</li> <li>• 1 tactile line plot</li> <li>• 1 tactile material to create groups</li> <li>• 1 tactile number line</li> <li>• 1 whole rectangle</li> <li>• 2 circles divided into 3 unequal parts</li> <li>• 2 circles divided into 4 unequal parts</li> <li>• 2 circles divided into 6 unequal parts</li> <li>• 2 circles representing <math>\frac{1}{2}</math></li> <li>• 2 circles representing <math>\frac{4}{10}</math></li> <li>• 2 objects without the measurable attribute of volume</li> <li>• 2 rectangles divided into 4 unequal parts</li> <li>• 2 tactile line plots</li> <li>• 3 tactile line graphs</li> <li>• 3 tactile thermometers</li> <li>• 6 tactile bar graphs</li> </ul>

Grade 7	Common Materials Used to Administer Testlets
	<ul style="list-style-type: none"> <li>• 1 ball</li> <li>• 1 book</li> <li>• 1 large binder clip</li> <li>• 1 large hard ball</li> <li>• 1 large shirt without buttons</li> <li>• 1 large sleeved shirt</li> <li>• 1 large soft ball</li> <li>• 1 small hard ball</li> <li>• 1 small shirt with buttons</li> <li>• 1 small shirt without buttons</li> <li>• 1 small sleeved shirt</li> <li>• 1 small sleeveless shirt</li> <li>• 10 pencils</li> <li>• 16 fraction pizza slices</li> <li>• 2 empty tissue boxes varying in size</li> <li>• 2 empty water bottles with lids varying in size</li> <li>• 2 full tissue boxes varying in size</li> <li>• 2 full water bottles with lids varying in size</li> <li>• 2 identical 28-count boxes of dominoes</li> <li>• 2 identical 7-count packs of toy cars</li> <li>• 2 identical cups</li> <li>• 2 identical decks of playing cards in their boxes</li> <li>• 2 identical notecards</li> <li>• 2 identical pizza pans</li> <li>• 2 identical spoons</li> <li>• 6 crackers</li> <li>• 7 dominoes</li> <li>• 7 napkins</li> <li>• 8 envelopes</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 acute angle</li> <li>• 1 arrow</li> <li>• 1 circle representing <math>\frac{2}{6}</math></li> <li>• 1 circle representing <math>\frac{3}{6}</math></li> <li>• 1 circle representing <math>\frac{4}{6}</math></li> <li>• 1 circle representing <math>\frac{6}{6}</math></li> <li>• 1 container with 8 compartments</li> <li>• 1 equal sign</li> <li>• 1 greater than sign</li> <li>• 1 large cone</li> <li>• 1 large equilateral triangle</li> <li>• 1 large sphere</li> <li>• 1 less than sign</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 weight</li> <li>• 1 obtuse angle</li> <li>• 1 point</li> <li>• 1 ray</li> <li>• 1 rectangle divided into 2 unequal parts</li> <li>• 1 rectangle divided into fourths</li> <li>• 1 rectangle divided into halves</li> <li>• 1 rectangle measuring <math>4 \times 2</math></li> <li>• 1 rectangle with discernible square units measuring <math>3 \times 2</math></li> <li>• 1 set of 60 objects</li> <li>• 1 set of objects where the set contains 1 whole object and 2 or more parts from an identical object</li> <li>• 1 six-sided number cube</li> <li>• 1 small circle</li> <li>• 1 small cone</li> <li>• 1 small cube</li> <li>• 1 small equilateral triangle</li> <li>• 1 small sphere</li> <li>• 1 square measuring <math>2 \times 2</math></li> <li>• 1 square with discernible square units measuring <math>3 \times 3</math></li> <li>• 1 straight angle</li> <li>• 1 tactile line plot</li> <li>• 1 tactile material to create groups</li> <li>• 1 tactile picture graph</li> <li>• 1 tactile spinner</li> <li>• 10 containers with 1 compartment</li> <li>• 10 containers with 2 compartments</li> <li>• 2 circles representing <math>\frac{1}{6}</math></li> <li>• 2 congruent rectangles</li> <li>• 2 large congruent circles</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>• 2 large congruent cylinders</li> <li>• 2 large congruent triangles</li> <li>• 2 objects with the measurable attribute of height</li> <li>• 2 objects without the measurable attribute of height</li> <li>• 2 rectangles divided into 4 unequal parts</li> <li>• 2 right angles</li> <li>• 2 sets of 3 objects</li> <li>• 2 small congruent cylinders</li> <li>• 2 small triangles</li> <li>• 3 addition signs</li> <li>• 3 containers with 10 compartments</li> <li>• 3 large congruent cubes</li> <li>• 3 tactile coordinate grids</li> <li>• 4 containers with 5 compartments</li> <li>• 5 containers with 4 compartments</li> <li>• 5 large squares</li> <li>• 5 tactile bar graphs</li> <li>• 6 circles</li> <li>• 6 stackable objects</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 blank piece of paper</li> <li>• 1 button</li> <li>• 1 key ring</li> <li>• 1 large black sock</li> <li>• 1 large paper plate</li> <li>• 1 large short-sleeve shirt</li> <li>• 1 large white sock</li> <li>• 1 small long-sleeve shirt</li> <li>• 1 small paper plate</li> <li>• 1 small porcelain plate</li> <li>• 1 small short-sleeve shirt</li> <li>• 1 small white sock</li> <li>• 11 counting chips</li> <li>• 2 empty water bottles</li> <li>• 2 full water bottles (liquid should have color)</li> <li>• 2 identical 20-count sheets of stickers</li> <li>• 2 identical glue sticks</li> <li>• 2 identical paint brushes</li> <li>• 2 identical toothbrushes</li> <li>• 2 metal spoons varying in size</li> <li>• 2 pattern blocks</li> <li>• 2 plastic spoons varying in size</li> <li>• 3 bowls</li> <li>• 3 number cubes</li> <li>• 5 keys</li> <li>• 7 paper clips</li> <li>• 7 pennies</li> <li>• 8 markers</li> <li>• 8 small paper cups</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 acute scalene triangle</li> <li>• 1 angle measuring 100 degrees</li> <li>• 1 angle measuring 40 degrees</li> <li>• 1 circle divided into thirds</li> <li>• 1 container with 5 compartments</li> <li>• 1 container with 8 compartments</li> <li>• 1 equal sign</li> <li>• 1 greater than sign</li> <li>• 1 hexagon</li> <li>• 1 less than sign</li> <li>• 1 line</li> <li>• 1 line segment</li> <li>• 1 medium ellipse</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 pentagon</li> <li>• 1 ray</li> <li>• 1 rectangle measuring 12 x 9</li> <li>• 1 rectangle measuring 18 x 9</li> <li>• 1 rectangle measuring 6 x 5</li> <li>• 1 rectangular prism measuring 3 x 4 x 8</li> <li>• 1 rectangular prism measuring 6 x 10 x 5</li> <li>• 1 rectangular prism measuring 9 x 6 x 8</li> <li>• 1 set of complementary angles</li> <li>• 1 set of non-complimentary, non-supplementary adjacent angles</li> <li>• 1 set of objects which contains 1 whole object and 2 parts of an identical object</li> <li>• 1 set of supplementary angles</li> <li>• 1 small circle</li> <li>• 1 small ellipse</li> <li>• 1 small equilateral triangle</li> <li>• 1 small rectangle</li> <li>• 1 small square</li> <li>• 1 square divided into fourths</li> <li>• 1 tactile line graph</li> <li>• 1 tactile material to create groups</li> <li>• 2 angles measuring 50 degrees</li> <li>• 2 angles measuring 80 degrees</li> <li>• 2 arrows</li> <li>• 2 circles divided into 3 unequal parts</li> <li>• 2 congruent isosceles triangles</li> <li>• 2 congruent right triangles</li> <li>• 2 congruent stars</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>• 2 large congruent circles</li> <li>• 2 large congruent ellipses</li> <li>• 2 large congruent equilateral triangles</li> <li>• 2 large congruent equilateral triangles</li> <li>• 2 large congruent rectangles</li> <li>• 2 large congruent squares</li> <li>• 2 parallelograms</li> <li>• 2 right angles</li> <li>• 2 sets of 40 objects</li> <li>• 2 sets of objects where each set contains 1 whole object and 1 part of an identical object</li> <li>• 2 squares divided into 4 unequal parts</li> <li>• 2 tactile function graphs</li> <li>• 2 trapezoids</li> <li>• 3 congruent asymmetrical shapes</li> <li>• 3 containers with 10 compartments each</li> <li>• 3 tactile bar graphs</li> <li>• 3 tactile function tables</li> <li>• 3 tactile line plots</li> <li>• 3 tactile picture graphs</li> <li>• 3 tactile tally charts</li> <li>• 6 tactile tables</li> </ul>

Grade HS	Common Materials Used to Administer Testlets
	<ul style="list-style-type: none"> <li>• 1 binder</li> <li>• 1 large paper cup</li> <li>• 1 large paper plate</li> <li>• 1 plastic turtle</li> <li>• 1 rubber band (or piece of string)</li> <li>• 1 small ceramic plate</li> <li>• 1 small paper plate</li> <li>• 1 soft bunny</li> <li>• 1 straw</li> <li>• 2 bent paper clips varying in size</li> <li>• 2 calculators</li> <li>• 2 craft sticks</li> <li>• 2 empty jars varying in size</li> <li>• 2 full jars varying in size</li> <li>• 2 identical 6-count packs of glue sticks</li> <li>• 2 identical balls</li> <li>• 2 identical envelopes</li> <li>• 2 identical highlighters</li> <li>• 2 identical napkins</li> <li>• 2 identical notebooks</li> <li>• 2 identical small paper cups</li> <li>• 2 metal spoons varying in size</li> <li>• 2 pattern blocks</li> <li>• 2 plastic spoons varying in size</li> <li>• 2 straight chenille stems varying in length</li> <li>• 2 unbent paper clips varying in size</li> <li>• 2 zigzag chenille stems varying in length</li> <li>• 3 blocks</li> <li>• 3 buttons</li> <li>• 3 cards</li> <li>• 3 colored pencils</li> <li>• 3 cotton swabs</li> <li>• 3 cups varying in size</li> <li>• 3 gloves</li> <li>• 3 markers</li> <li>• 3 number cubes</li> <li>• 3 straws</li> <li>• 5 keys</li> <li>• 6 erasers</li> <li>• 6 napkins</li> <li>• 6 pens</li> <li>• 7 checkers</li> <li>• 7 plastic spoons</li> <li>• 7 rulers</li> <li>• 8 envelopes</li> <li>• 9 coins</li> </ul>

Grade HS	Common Materials Used to Administer Testlets for Students Who Are Blind or Have Visual Impairments
	<ul style="list-style-type: none"> <li>• 1 circular object</li> <li>• 1 cone</li> <li>• 1 cube</li> <li>• 1 cylinder</li> <li>• 1 cylindrical object</li> <li>• 1 ellipse</li> <li>• 1 isosceles triangle</li> <li>• 1 large circle</li> <li>• 1 line segment</li> <li>• 1 medium right triangle</li> <li>• 1 object with the measurable attribute of length</li> <li>• 1 object with the measurable attributes of circumference and weight</li> <li>• 1 parallelogram</li> <li>• 1 point</li> <li>• 1 ray</li> <li>• 1 rectangle divided into triangular halves</li> <li>• 1 rectangle measuring 10.25 x 9.75</li> <li>• 1 rectangle measuring 7 x 3</li> <li>• 1 rectangle measuring 7.27 x 3.1</li> <li>• 1 rectangle measuring 8 x 5.6</li> <li>• 1 rectangle measuring 9 x 4.1</li> <li>• 1 rectangle measuring 9 x 6</li> <li>• 1 rectangle measuring 9 x 8</li> <li>• 1 rectangular object</li> <li>• 1 rhombus</li> <li>• 1 set of parallel lines</li> <li>• 1 set of perpendicular lines</li> <li>• 1 sixteen-inch length of yarn</li> <li>• 1 small acute scalene triangle</li> <li>• 1 small rectangle</li> <li>• 1 small square</li> <li>• 1 tactile coordinate grid</li> <li>• 1 tactile material to create groups</li> <li>• 2 congruent parallelograms</li> <li>• 2 four-inch craft sticks</li> <li>• 2 large congruent acute scalene triangles</li> <li>• 2 large congruent equilateral triangles</li> <li>• 2 large congruent rectangles</li> <li>• 2 large congruent squares</li> <li>• 2 large congruent triangles</li> <li>• 2 medium congruent equilateral triangles</li> <li>• 2 sets of 20 objects</li> <li>• 2 sets of non-perpendicular intersecting lines</li> <li>• 2 small congruent circles</li> <li>• 2 small congruent equilateral triangles</li> </ul>

Grade HS	Common Materials Used to Administer Testlets for Students Who Are Blind or Have Visual Impairments
	<ul style="list-style-type: none"> <li>• 2 small congruent right triangles</li> <li>• 2 tactile line plots</li> <li>• 3 addition signs</li> <li>• 3 arrows</li> <li>• 3 division signs</li> <li>• 3 large congruent right triangles</li> <li>• 3 multiplication signs</li> <li>• 3 similar objects</li> <li>• 3 subtraction signs</li> <li>• 3 tactile coordinate planes</li> <li>• 3 tactile line graphs</li> <li>• 3 tactile picture graphs</li> <li>• 3 tactile pie charts</li> <li>• 4 six-inch craft sticks</li> <li>• 4 squares</li> <li>• 4 tactile function tables</li> <li>• 5 circles</li> <li>• 5 tens</li> <li>• 6 congruent trapezoids</li> <li>• 6 ones</li> <li>• 6 stars</li> <li>• 6 tactile bar graphs</li> <li>• 6 tactile number lines</li> <li>• 7 tactile function graphs</li> <li>• tactile letters</li> <li>• tactile numbers</li> </ul>