



## Mathematics Materials Collections

Spring 2017

Dynamic Learning Maps<sup>®</sup> (DLM<sup>®</sup>) testlets sometimes call for the use of specific materials. Materials are identified in the Testlet Information Page (TIP) for each testlet. Sometimes materials are required and cannot be substituted, but substitutes are allowed in most cases. Each TIP states whether materials are needed for a testlet. If materials are to be used in a testlet, 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 TIP is provided when each testlet is assigned. That means the materials needed in order to assess each student are unknown before the spring testing window opens.

The list below contains materials commonly needed in math testlets and gives test administrators more opportunity to prepare for the math assessment before the testing window opens. The tables in this document summarize lists of materials per grade level for general testlets and for students who are blind or have visual impairments when appropriate. Materials that are described in parentheses are examples of materials that can be used in some of the testlets. **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. What types of materials are mentioned more than once?
- Materials substitutions are listed for individual testlets on the TIP.
- Find materials that already exist in the classroom or are easily found somewhere in the school building.
- Pick materials that are familiar to the student.
- Remember that in most cases it will be okay to substitute materials as long as they are like the ones on the list. Examples of possible substitutions are found in the table below.

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

Grade 3	Common Materials Used to Administer Testlets
	<ul style="list-style-type: none"> <li>• 1 bowl</li> <li>• 1 dry washcloth</li> <li>• 1 fuzzy ball</li> <li>• 1 large bandage</li> <li>• 1 large block</li> <li>• 1 large shoe</li> <li>• 1 open envelope</li> <li>• 1 rubber band (or piece of string)</li> <li>• 1 ruler</li> <li>• 1 ruler with inches clearly marked</li> <li>• 1 sealed envelope</li> <li>• 1 small bandage</li> <li>• 1 small block</li> <li>• 1 small shoe</li> <li>• 1 smooth ball</li> <li>• 1 wet washcloth</li> <li>• 1 yardstick</li> <li>• 1 yardstick with inches and feet clearly marked</li> <li>• 2 bowls</li> <li>• 2 buttons</li> <li>• 2 chenille stems</li> <li>• 2 dominoes</li> <li>• 2 identical 12-count boxes of markers</li> <li>• 2 identical 6-count packs of lip balm</li> <li>• 2 packs of gum</li> <li>• 2 plates</li> <li>• 2 shirts</li> <li>• 2 shoes</li> <li>• 2 straws</li> <li>• 5 cotton swabs</li> <li>• 50 pennies</li> <li>• 6 craft sticks</li> <li>• 6 number cubes</li> <li>• 6 paintbrushes</li> <li>• 6 rulers</li> <li>• 7 dominoes</li> <li>• cards with numbers 26 and 30</li> <li>• string measuring 11 inches</li> <li>• string measuring 15 inches</li> <li>• string measuring 2 feet</li> <li>• string measuring 3 feet</li> <li>• string measuring 5 inches</li> <li>• string measuring 6 inches</li> <li>• string measuring 8 inches</li> <li>• string measuring 9 inches</li> <li>• string measuring 4 feet</li> </ul>

Grade 3	Common Materials Used to Administer Testlets for Students Who Are Blind or Have Visual Impairments
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- 1 100s chart with removable numbers
- 1 base-ten ten
- 1 circle cut into 4 equal parts
- 1 circle divided into 10 equal parts with 9 parts missing
- 1 circle divided into 2 equal parts
- 1 circle divided into 2 equal parts with 1 part missing
- 1 circle divided into 2 unequal parts
- 1 circle divided into 3 equal parts
- 1 circle divided into 3 equal parts with 1 part missing
- 1 circle divided into 3 equal parts with 2 parts missing
- 1 circle divided into 3 unequal parts
- 1 circle divided into 4 equal parts
- 1 circle divided into 4 equal parts with 1 part missing
- 1 circle divided into 4 equal parts with 3 parts missing
- 1 circle divided into parts
- 1 circle representing  $\frac{1}{4}$
- 1 cone
- 1 container with 10 sections
- 1 container with 12 sections
- 1 container with 4 compartments
- 1 container with 8 compartments
- 1 group of 3 letters
- 1 group of 3 objects
- 1 group of 5 objects
- 1 half circle
- 1 medium circle
- 1 medium triangle
- 1 object divided into 2 equal parts
- 1 object divided into 2 equal parts with 1 part missing
- 1 object that is 5 units long
- 1 object with the measurable attribute of height
- 1 rectangle cut into 2 equal parts
- 1 rectangle divided into 3 unequal parts
- 1 rectangle divided into 2 equal parts
- 1 rectangle divided into 3 equal parts
- 1 rectangle divided into 4 equal parts
- 1 rectangle divided into 4 unequal parts
- 1 rectangle divided into parts
- 1 rectangle representing  $\frac{1}{2}$
- 1 rectangle representing  $\frac{3}{10}$
- 1 set of 27 identical objects
- 1 set of 3 objects that vary in length
- 1 set of 3 symbols
- 1 set of 30 identical objects

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 small circle</li> <li>• 1 small triangle</li> <li>• 1 square cut into 2 parts</li> <li>• 1 square divided into 2 equal parts</li> <li>• 1 square divided into 3 equal parts</li> <li>• 1 square divided into 3 unequal parts</li> <li>• 1 square divided into 4 equal parts</li> <li>• 1 square divided into 4 equal parts with 2 parts missing</li> <li>• 1 square divided into 4 unequal parts</li> <li>• 1 square divided into parts</li> <li>• 1 triangle cut into 3 parts</li> <li>• 1 triangle divided into parts</li> <li>• 1 whole circle</li> <li>• 1 whole circle divided into 3 equal parts</li> <li>• 1 whole rectangle</li> <li>• 1 whole square</li> <li>• 1 whole triangle</li> <li>• 10 base-ten ones</li> <li>• 10 base-ten tens</li> <li>• 11 identical objects</li> <li>• 11 paper clips</li> <li>• 13 base-ten ones</li> <li>• One-fifth circle</li> <li>• 2 circle divided into 4 unequal parts</li> <li>• 2 circles divided into 4 unequal parts</li> <li>• 2 different objects to measure</li> <li>• 2 large circles</li> <li>• 2 large squares</li> <li>• 2 large triangles</li> <li>• 2 medium rectangles</li> <li>• 2 medium squares</li> <li>• 2 objects that are 4 units long</li> <li>• 2 rectangles</li> <li>• 2 rectangles cut differently into 2 unequal parts</li> <li>• 2 rectangles divided differently into 2 unequal parts</li> <li>• 2 rectangles divided into 2 unequal parts</li> <li>• 2 rectangles divided into 3 unequal parts</li> <li>• 2 rectangles divided into 4 unequal parts</li> <li>• 2 rhombi</li> <li>• 2 right triangles</li> <li>• 2 sets of 2 objects that vary in length</li> <li>• 2 similar long objects</li> <li>• 2 similar short objects</li> <li>• 2 small rectangles</li> <li>• 2 squares</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>• 2 squares divided into 2 unequal parts</li> <li>• 2 squares divided into 4 unequal parts</li> <li>• 2 trapezoids</li> <li>• 2 whole circles</li> <li>• 2 whole objects</li> <li>• 2 whole squares</li> <li>• 27 identical objects</li> <li>• 3 books</li> <li>• 3 digital clocks or items to create clocks</li> <li>• 3 groups of 3 similar triangles (small, medium, large)</li> <li>• 3 identical large objects</li> <li>• 3 identical medium objects</li> <li>• 3 identical small objects</li> <li>• 3 large identical objects</li> <li>• 3 large rectangles</li> <li>• 3 medium identical objects</li> <li>• 3 pairs of different letters</li> <li>• 3 pairs of different symbols</li> <li>• 3 sets of 10 and 5 ones</li> <li>• 3 small identical objects</li> <li>• 3 small rectangles</li> <li>• 3 small squares</li> <li>• 3 small triangles</li> <li>• 4 circle divided differently into 4 unequal parts</li> <li>• 4 circles cut differently into 4 unequal parts</li> <li>• 5 objects to be used as informal units</li> <li>• 5 triangles</li> <li>• 8 base-ten tens</li> <li>• 9 objects</li> <li>• items to create a digital clock</li> <li>• items to create a picture graph</li> <li>• items to create a picture graph</li> <li>• items to create a tactile clock</li> <li>• items to create bar graphs</li> <li>• items to create number charts</li> <li>• items to create picture graphs</li> <li>• material to create groups</li> <li>• set of 10 objects</li> <li>• set of 19 objects</li> <li>• set of 21 objects</li> <li>• set of 28 objects</li> <li>• string</li> <li>• tactile material to create groupings</li> </ul>

Grade 4	Common Materials Used to Administer Testlets
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- 1 balance scale
- 1 container for the marbles (if the scale doesn't have a pan)
- 1 empty 1 pound coffee can
- 1 empty mixing bowl
- 1 empty peanut butter jar
- 1 empty pitcher
- 1 fraction pizza
- 1 large 2 gallon pitcher
- 1 large 2-gallon pitcher
- 1 large bunch of grapes
- 1 measuring cup
- 1 metal spoon
- 1 open envelope
- 1 pan scale
- 1 plastic spoon
- 1 rubber band (or piece of string)
- 1 sealed envelope
- 1 straw cut into 4 pieces
- 1 whole puzzle
- 1 whole straw
- 2 big unlaced (untied) shoes
- 2 gallons of water
- 2 identical 12-count boxes of crayons
- 2 identical 12-count boxes of markers
- 2 identical 12-count boxes of pencils
- 2 identical 6-count popcorn boxes
- 2 identical 8-count packs of paintbrushes
- 2 identical acorns
- 2 identical bandages
- 2 identical crayons
- 2 identical gloves
- 2 identical pennies
- 2 identical toothbrushes
- 2 long bent straws
- 2 potatoes
- 2 shoeboxes
- 2 short unbent straws
- 2 small laced (tied) shoes
- 20 marbles to use as informal measure units
- 20 marbles to use as informal units
- 30 cotton balls
- 4 - 1 inch wooden cubes to measure
- 4 pieces from a second fraction pizza
- 5 markers
- 5 pieces from a second identical puzzle
- 50 cotton balls to use as informal units

Grade 4	Common Materials Used to Administer Testlets
<ul style="list-style-type: none"> <li>• 6 bananas</li> <li>• 6 checkers</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
<ul style="list-style-type: none"> <li>• 1 acute angle</li> <li>• 1 acute angle labeled “Angle 2”</li> <li>• 1 angle</li> <li>• 1 arc</li> <li>• 1 arch</li> <li>• 1 base-ten ten</li> <li>• 1 cycle representing <math>\frac{1}{4}</math></li> <li>• 1 cycle representing <math>\frac{1}{2}</math></li> <li>• 1 cycle representing <math>\frac{2}{4}</math></li> <li>• 1 cycle representing <math>\frac{3}{4}</math></li> <li>• 1 circle</li> <li>• 1 circle divided in 2 equal parts</li> <li>• 1 circle divided in 3 equal parts</li> <li>• 1 circle divided in 4 equal parts</li> <li>• 1 circle divided in fifths with 4 parts missing</li> <li>• 1 circle divided in fourths with 1 part missing</li> <li>• 1 circle divided in fourths with 3 parts missing</li> <li>• 1 circle divided into 2 parts</li> <li>• 1 circle divided into 3 parts</li> <li>• 1 circle divided into 3 unequal parts</li> <li>• 1 circle representing <math>\frac{1}{10}</math></li> <li>• 1 circle representing <math>\frac{1}{4}</math></li> <li>• 1 circle representing <math>\frac{3}{4}</math></li> <li>• 1 container that holds approximately 2 cups of a liquid</li> <li>• 1 different object</li> <li>• 1 dime</li> <li>• 1 eighth of a larger circle</li> <li>• 1 equilateral triangle</li> <li>• 1 fourth of a circle</li> <li>• 1 half of a smaller circle</li> <li>• 1 isosceles triangle</li> <li>• 1 large container</li> <li>• 1 line</li> <li>• 1 line segment</li> <li>• 1 liquid measuring cup</li> <li>• 1 object that weighs approximately 3 pounds</li> <li>• 1 object with the measurable attribute of height</li> <li>• 1 obtuse angle labeled “Angle 1”</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>• 1 outline of a point</li> <li>• 1 pair of intersecting lines</li> <li>• 1 pair of non-parallel line segments</li> <li>• 1 pair of parallel line segments</li> <li>• 1 pair of parallel lines</li> <li>• 1 pair of perpendicular line segments</li> <li>• 1 piece of money</li> <li>• 1 point</li> <li>• 1 quarter</li> <li>• 1 ray</li> <li>• 1 rectangle divided in fourths with 3 parts missing</li> <li>• 1 rectangle divided in half</li> <li>• 1 rectangle divided in half with 1 part missing</li> <li>• 1 rectangle divided in thirds with 2 parts missing</li> <li>• 1 rectangle divided into 2 parts</li> <li>• 1 rectangle divided into 3 parts</li> <li>• 1 rectangle divided into sixths with 5 parts missing</li> <li>• 1 rectangle measuring 3 x 2</li> <li>• 1 rectangle measuring 4 x 3</li> <li>• 1 rectangle measuring 5 x 4</li> <li>• 1 rectangle measuring 6 x 4</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{1}{6}</math></li> <li>• 1 rectangle with discernible unit squares measuring 4 x 3</li> <li>• 1 rectangle with discernible unit squares measuring 5 x 2</li> <li>• 1 rectangle with discernible unit squares measuring 6 x 3</li> <li>• 1 rectangle with discernible unit squares that measures 3 x 2</li> <li>• 1 rectangle with discernible unit squares that measures 6 x 4</li> <li>• 1 right triangle</li> <li>• 1 set of parallel lines</li> <li>• 1 set of perpendicular lines</li> <li>• 1 small container</li> <li>• 1 square</li> <li>• 1 square measuring 3 x 3</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{1}{4}</math></li> <li>• 1 square representing <math>\frac{1}{6}</math></li> <li>• 1 square representing <math>\frac{3}{4}</math></li> <li>• 1 triangle</li> <li>• 1 wavy line</li> <li>• 1 whole circle</li> <li>• 1 whole rectangle</li> <li>• 1 whole circle</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>• 10 objects</li> <li>• 12 identical objects</li> <li>• 13 objects</li> <li>• 15 objects</li> <li>• 17 base-ten ones</li> <li>• 18 objects</li> <li>• 2 circles divided into 2 unequal parts</li> <li>• 2 circles divided into 4 unequal parts</li> <li>• 2 containers</li> <li>• 2 different heavy objects</li> <li>• 2 different light objects</li> <li>• 2 different objects that are not money</li> <li>• 2 different obtuse angles</li> <li>• 2 identical containers</li> <li>• 2 non-money objects</li> <li>• 2 objects that weigh approximately 10 pounds</li> <li>• 2 pieces of paper</li> <li>• 23 objects</li> <li>• 24 identical objects</li> <li>• 25 objects</li> <li>• 3 acute angles</li> <li>• 3 containers</li> <li>• 3 obtuse angles</li> <li>• 3 right angles</li> <li>• 32 identical objects</li> <li>• 4 circles</li> <li>• 4 containers</li> <li>• 4 identical objects</li> <li>• 4 sets of tactile numbers 0-9</li> <li>• 4 squares</li> <li>• 4 triangles</li> <li>• 5 sets of 5 connector cubes</li> <li>• 52 stackable objects</li> <li>• 6 base-ten tens</li> <li>• 6 blue objects</li> <li>• 6 identical containers</li> <li>• 6 sets of 10 connector cubes</li> <li>• 7 objects</li> <li>• 7 single connector cubes</li> <li>• 8 base-ten ones</li> <li>• 8 plates</li> <li>• 8 red objects</li> <li>• continuous substance</li> <li>• continuous substance to fill a container</li> <li>• continuous substance to fill 6 containers</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>• items to create picture graphs</li> <li>• items to create 3 tactile analog clocks</li> <li>• items to create a bar graph</li> <li>• items to create a picture graph</li> <li>• items to create angles of different sizes</li> <li>• items to create bar graphs</li> <li>• items to create bar graphs</li> <li>• items to create picture graphs</li> <li>• material to create groupings</li> <li>• material to create groups</li> <li>• set of 6 objects</li> <li>• set of 15 nickels</li> <li>• set of 15 objects</li> <li>• set of 27 objects</li> <li>• tactile material to create groupings</li> <li>• tactile material to create groups</li> </ul>

Grade 5	Common Materials Used to Administer Testlets
	<ul style="list-style-type: none"> <li>• 1 bent paper clip</li> <li>• 1 big binder clip</li> <li>• 1 bowl</li> <li>• 1 box</li> <li>• 1 container that is 2" by 8"</li> <li>• 1 container that is 3" by 7"</li> <li>• 1 container that is 4" by 6"</li> <li>• 1 empty water bottle</li> <li>• 1 full water bottle</li> <li>• 1 half-full water bottle</li> <li>• 1 hard cover story book</li> <li>• 1 jar</li> <li>• 1 large book</li> <li>• 1 large button</li> <li>• 1 large notebook</li> <li>• 1 large pen</li> <li>• 1 large sock</li> <li>• 1 pan scale</li> <li>• 1 paperback story book</li> <li>• 1 pencil with an eraser top</li> <li>• 1 pencil without an eraser top</li> <li>• 1 piece of string cut to a length of 9 inches</li> <li>• 1 rubber band (or piece of string)</li> <li>• 1 rubber band or piece of string</li> <li>• 1 ruler with inches clearly marked</li> <li>• 1 small binder clip</li> <li>• 1 small book</li> <li>• 1 small button</li> <li>• 1 small notebook</li> <li>• 1 small pen</li> <li>• 1 small sock</li> <li>• 1 string cut into a length of 3 inches</li> <li>• 1 unbent paper clip</li> <li>• 1 yardstick or ruler</li> <li>• 10 counters</li> <li>• 2 baskets</li> <li>• 2 identical 12-count boxes of pencils</li> <li>• 2 identical 6-count packs of lip balm</li> <li>• 2 identical 8-count packs of crayons</li> <li>• 2 identical but novel tape measures</li> <li>• 2 identical calculators</li> <li>• 2 identical number cubes</li> <li>• 2 identical, but novel bottle caps</li> <li>• 2 jars</li> <li>• 2 long pencils</li> <li>• 2 medium length pencils</li> </ul>

Grade 5	Common Materials Used to Administer Testlets
	<ul style="list-style-type: none"> <li>• 2 pens</li> <li>• 2 plastic bags</li> <li>• 2 rulers</li> <li>• 2 shoes</li> <li>• 2 short pencils</li> <li>• 3 oranges</li> <li>• 4 apples</li> <li>• 5 checkers</li> <li>• 5 grapes</li> <li>• 5 strawberries</li> <li>• 6 glue sticks</li> <li>• 7 bandages</li> <li>• 7 buttons</li> <li>• 7 crayons</li> <li>• 7 markers</li> <li>• empty box of tea bags</li> <li>• empty children's shoe box</li> <li>• empty tissue box</li> <li>• enough 1 inch unit cubes to fill the largest box</li> <li>• enough 1" cubes to fill the largest container</li> <li>• enough 1" cubes to fill the largest container</li> <li>• one 3" x 3" container</li> <li>• one 5" x 7" container</li> <li>• one 5" x 8" container</li> <li>• rubber band or string</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 analog clock or items to create a clock</li> <li>• 1 book</li> <li>• 1 chair</li> <li>• 1 circle</li> <li>• 1 circle divided into 10 equal parts</li> <li>• 1 circle divided into 10 equal parts with 9 parts missing</li> <li>• 1 circle divided into 2 equal parts</li> <li>• 1 circle divided into 2 equal parts with 1 part missing</li> <li>• 1 circle divided into 3 equal parts</li> <li>• 1 circle divided into 3 equal parts with 1 part missing</li> <li>• 1 circle divided into 3 equal parts with 2 parts missing</li> <li>• 1 circle divided into 4 equal parts</li> <li>• 1 circle divided into 4 equal parts</li> <li>• 1 circle divided into 4 equal parts with 3 parts missing</li> <li>• 1 circle divided into fourths</li> <li>• 1 circle divided into halves</li> <li>• 1 circle divided into sixths</li> <li>• 1 circle divided into tenths</li> </ul>

<b>Grade 5</b>	<b>Common Materials Used to Administer Testlets for Students Who Are Blind or Have Visual Impairments</b>
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- 1 circle divided into thirds
- 1 circle representing  $1/10$
- 1 circle representing  $1/3$
- 1 circle representing  $1/4$
- 1 circle representing  $1/8$
- 1 cone
- 1 container measuring  $2 \times 3 \times 1$
- 1 container measuring  $2 \times 4 \times 2$
- 1 container measuring  $3 \times 4 \times 1$
- 1 cube
- 1 cylinder
- 1 dime
- 1 equilateral triangle
- 1 flute or representation of a flute
- 1 heavy object
- 1 key
- 1 large rectangle
- 1 large rectangular prism
- 1 large square
- 1 large triangle
- 1 large triangles
- 1 light object
- 1 light object and 1 heavy object
- 1 nickel
- 1 object with the measurable attribute of weight
- 1 one-dollar bill
- 1 pencil
- 1 penny
- 1 piece of paper
- 1 quarter
- 1 rectangle
- 1 rectangle divided into 10 equal parts
- 1 rectangle divided into 2 equal parts
- 1 rectangle divided into 2 equal parts with 1 part missing
- 1 rectangle divided into 3 equal parts
- 1 rectangle divided into 3 equal parts
- 1 rectangle divided into 3 equal parts with 2 parts missing
- 1 rectangle divided into 3 unequal parts
- 1 rectangle divided into 4 equal parts
- 1 rectangle divided into 4 equal parts with 3 parts missing
- 1 rectangle divided into 4 unequal parts
- 1 rectangle divided into 6 equal parts
- 1 rectangle divided into halves
- 1 rectangle divided into tenths
- 1 rectangle divided into thirds

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{1}{2}</math></li> <li>• 1 rectangle representing <math>\frac{1}{3}</math></li> <li>• 1 rectangle representing <math>\frac{1}{4}</math></li> <li>• 1 rectangular prism measuring <math>2 \times 2 \times 1</math></li> <li>• 1 rectangular prism measuring <math>3 \times 1 \times 2</math></li> <li>• 1 rectangular prism measuring <math>3 \times 1 \times 4</math></li> <li>• 1 rectangular prism measuring <math>3 \times 3 \times 1</math></li> <li>• 1 rectangular prism measuring <math>4 \times 1 \times 2</math></li> <li>• 1 rectangular prism measuring <math>5 \times 1 \times 2</math></li> <li>• 1 rhombus</li> <li>• 1 right triangle</li> <li>• 1 ring</li> <li>• 1 set of 3 objects</li> <li>• 1 set of 4 objects</li> <li>• 1 set of 9 objects</li> <li>• 1 small cone</li> <li>• 1 small rectangle</li> <li>• 1 small square</li> <li>• 1 small triangle</li> <li>• 1 sphere</li> <li>• 1 square</li> <li>• 1 square divided into 2 equal parts</li> <li>• 1 trapezoid</li> <li>• 1 triangle</li> <li>• 1 triangle divided into 2 unequal parts</li> <li>• 1 triangle divided into 3 equal parts</li> <li>• 1 triangle divided into 4 unequal parts</li> <li>• 11 base-ten tens</li> <li>• 12 connecting cubes</li> <li>• 12 quarters</li> <li>• 13 objects</li> <li>• 15 nickels</li> <li>• 18 base-ten ones</li> <li>• 18 objects</li> <li>• 18 pennies</li> <li>• 2 base-ten tens</li> <li>• 2 circles divided into 3 unequal parts</li> <li>• 2 circles divided into 4 unequal parts</li> <li>• 2 circles divided into 4 unequal parts</li> <li>• 2 cylinders</li> <li>• 2 flat rectangular-shaped objects</li> <li>• 2 hexagons</li> <li>• 2 large circles</li> <li>• 2 large congruent rectangles</li> <li>• 2 large squares</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 large triangles</li> <li>• 2 medium squares</li> <li>• 2 objects with distinctly different weights</li> <li>• 2 octagons</li> <li>• 2 pentagons</li> <li>• 2 round objects that are not coins</li> <li>• 2 sets of 18 objects</li> <li>• 2 small circles</li> <li>• 2 small rectangles</li> <li>• 2 small squares</li> <li>• 2 small triangles</li> <li>• 2 squares divided into 4 unequal parts</li> <li>• 2 triangles</li> <li>• 20 blue objects</li> <li>• 20 objects</li> <li>• 20 pennies</li> <li>• 23 identical objects</li> <li>• 23 objects</li> <li>• 24 identical objects</li> <li>• 24 objects</li> <li>• 25 red objects</li> <li>• 3 analog clocks or items to create 3 clocks</li> <li>• 3 base-ten ones</li> <li>• 3 base-ten tens</li> <li>• 3 containers with 4 compartments</li> <li>• 3 different rectangular lengths of real or fake wood</li> <li>• 3 identical long objects</li> <li>• 3 identical medium-length objects</li> <li>• 3 identical short objects</li> <li>• 3 large congruent cones</li> <li>• 3 long identical objects</li> <li>• 3 long objects</li> <li>• 3 medium length identical objects</li> <li>• 3 medium objects</li> <li>• 3 nickels</li> <li>• 3 objects</li> <li>• 3 rectangles</li> <li>• 3 short identical objects</li> <li>• 3 short objects</li> <li>• 3 small rectangular prisms</li> <li>• 3 squares</li> <li>• 36 identical objects</li> <li>• 37 identical objects</li> <li>• 4 base-ten ones</li> <li>• 4 base-ten tens</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>• 40 objects</li> <li>• 5 base-ten ones</li> <li>• 5 base-ten tens</li> <li>• 5 medium circles</li> <li>• 5 medium squares</li> <li>• 5 of the same object that vary in height</li> <li>• 5 sets of tactile numbers 0-9</li> <li>• 6 circles</li> <li>• 6 medium rectangles</li> <li>• 6 medium triangles</li> <li>• 6 rectangles</li> <li>• 6 squares</li> <li>• 6 triangles</li> <li>• 7 base-ten ones</li> <li>• 8 base-ten ones</li> <li>• 8 base-ten tens</li> <li>• 8 dimes</li> <li>• 8 identical objects</li> <li>• 9 objects</li> <li>• equal to sign</li> <li>• equal to symbol</li> <li>• greater than sign</li> <li>• greater than symbol</li> <li>• items to create a bar graph</li> <li>• items to create a line graph</li> <li>• items to create a picture graph</li> <li>• items to create an analog clock</li> <li>• items to create bar graphs</li> <li>• items to create labels</li> <li>• less than sign</li> <li>• less than symbol</li> <li>• material to create groups</li> <li>• set of 13 objects</li> <li>• set of 7 objects</li> <li>• string</li> <li>• tactile material to create groupings</li> </ul>



Grade 6	Common Materials Used to Administer Testlets
	<ul style="list-style-type: none"> <li>• 1 pipe cleaner cut into pieces</li> <li>• 1 rubber band</li> <li>• 1 rubber band (or piece of string)</li> <li>• 1 rubber band or string</li> <li>• 2 bowls</li> <li>• 2 cups</li> <li>• 2 dry sponges</li> <li>• 2 fraction pizzas</li> <li>• 2 fuzzy ribbons</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 pieces of paper</li> <li>• 2 silk ribbons</li> <li>• 2 straight chenille strips</li> <li>• 2 straws</li> <li>• 2 twisted chenille strips</li> <li>• 2 wet sponges</li> <li>• 4 cotton swabs</li> <li>• 4 whole pipe cleaners</li> <li>• 5 pen caps</li> <li>• 6 checkers</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 box measuring 4 units x 3 units x 2 units</li> <li>• 1 box measuring 5 units x 4 units x 3 units</li> <li>• 1 box measuring 6 units x 4 units x 2 units</li> <li>• 1 box measuring 3x1x4</li> <li>• 1 box measuring 2x1x2</li> <li>• 1 box measuring 2x4x1</li> <li>• 1 box measuring 3x2x1</li> <li>• 1 box measuring 3x3x1</li> <li>• 1 box measuring 5x1x2</li> <li>• 1 circle divided into 10 equal parts</li> <li>• 1 circle divided into 2 equal parts</li> <li>• 1 circle divided into 2 equal parts</li> <li>• 1 circle divided into 2 unequal parts</li> <li>• 1 circle divided into 3 equal parts</li> <li>• 1 circle divided into 3 equal parts</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 divided into 3 equal parts</li> <li>• 1 circle divided into 3 equal parts</li> <li>• 1 circle divided into 3 unequal parts</li> <li>• 1 circle divided into 3 unequal parts</li> <li>• 1 circle divided into 4 equal parts</li> <li>• 1 circle divided into 4 equal parts</li> <li>• 1 circle divided into 4 equal parts</li> <li>• 1 circle divided into 4 unequal parts</li> <li>• 1 container with 10 compartments</li> <li>• 1 container with 10 spaces</li> <li>• 1 container with 14 compartments</li> <li>• 1 container with 8 spaces</li> <li>• 1 different object</li> <li>• 1 divided into 2 equal parts</li> <li>• 1 divided into 3 equal parts</li> <li>• 1 divided into 4 equal parts</li> <li>• 1 object that measures 4' x 3'</li> <li>• 1 object that measures 6" x 9"</li> <li>• 1 object that measures 8"x 10"</li> <li>• 1 rectangle divided in fourths, 1 rectangle divided in fifths</li> <li>• 1 rectangle divided in halves</li> <li>• 1 rectangle divided in tenths</li> <li>• 1 rectangle divided in thirds</li> <li>• 1 rectangle measuring 2 units x 4 units</li> <li>• 1 rectangle measuring 3 units x 5 units</li> <li>• 1 rectangle measuring 4 units x 5 units</li> <li>• 1 rectangle measuring 2 units x 4 units</li> <li>• 1 rectangle measuring 3 units x 2 units</li> <li>• 1 rectangle measuring 3 units x 4 units</li> <li>• 1 rectangle measuring 3 x 2</li> <li>• 1 rectangle measuring 4 x 3</li> <li>• 1 rectangle measuring 5 units x 3 units</li> <li>• 1 rectangle measuring 5 units x 4 units</li> <li>• 1 rectangle measuring 5 x 3</li> <li>• 1 rectangle measuring 6 units x 4 units</li> <li>• 1 rectangle measuring 6 x 4</li> <li>• 1 rectangle measuring 6 x 4</li> <li>• 1 rectangular prism measuring 3 x 1 x 2</li> <li>• 1 rectangular prism measuring 4 x 1 x 2</li> <li>• 1 rectangular prism measuring 5 x 1 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 that measures 10 x 8 x 2</li> <li>• 1 rectangular prism that measures 5 x 3 x 2</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 rectangular prism that measures 5 x 4 x 3</li> <li>• 1 set of 17 identical objects</li> <li>• 1 set of 5 identical objects</li> <li>• 1 square divided into 2 equal parts</li> <li>• 1 square divided into 4 equal parts</li> <li>• 1 square divided into 4 equal parts</li> <li>• 1 whole circle</li> <li>• 1 whole circle</li> <li>• 10 connecting cubes</li> <li>• 2 circles divided into 3 unequal parts</li> <li>• 2 circles divided into 3 unequal parts</li> <li>• 2 different shapes divided into 2 equal parts</li> <li>• 2 different shapes divided into 2 unequal parts split horizontally</li> <li>• 2 different shapes divided into 2 unequal parts split vertically</li> <li>• 2 different whole shapes</li> <li>• 2 sets of tactile numbers 0-9</li> <li>• 2 squares divided into 4 unequal parts</li> <li>• 20 objects or counters</li> <li>• 24 square tiles</li> <li>• 3 objects</li> <li>• 3 sets of tactile numbers 0-9</li> <li>• 33 objects</li> <li>• 36 objects</li> <li>• 4 containers</li> <li>• 4 counters</li> <li>• 4 identical containers</li> <li>• 4 squares divided into 4 unequal parts</li> <li>• 40 objects</li> <li>• 43 objects</li> <li>• 6 containers</li> <li>• 7 identical objects</li> <li>• 77 objects</li> <li>• continuous substance</li> <li>• continuous substance to fill a container</li> <li>• continuous substance to fill a container</li> <li>• items to create 3 numbers lines</li> <li>• items to create a line plot</li> <li>• items to create bar graphs</li> <li>• items to create bar graphs</li> <li>• items to create bar graphs</li> <li>• items to create bar graphs</li> <li>• items to create bar graphs</li> <li>• items to create line graphs</li> <li>• items to create line plots</li> <li>• items to create number lines</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>• items to create the line plot</li><li>• items to create thermometers</li><li>• items to create thermometers</li><li>• material to create fraction bar</li><li>• tactile graph</li><li>• tactile material to create groupings</li><li>• tactile material to create groups</li><li>• tactile material to create groups</li></ul>	

Grade 7	Common Materials Used to Administer Testlets
	<ul style="list-style-type: none"> <li>• 1 cotton ball</li> <li>• 1 crayon</li> <li>• 1 domino</li> <li>• 1 large laced shoe</li> <li>• 1 large laceless shoe (hook and loop fastener/buttons/zipper)</li> <li>• 1 large smooth ball</li> <li>• 1 large smooth piece of paper</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 rough piece of paper (sandpaper)</li> <li>• 1 small smooth ball</li> <li>• 1 small smooth piece of paper</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 pencils</li> <li>• 2 identical 12-count packs of markers</li> <li>• 2 identical 14-count packs of gum</li> <li>• 2 identical blocks that are familiar to the student</li> <li>• 2 identical cups</li> <li>• 2 identical erasers</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</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 acute angle</li> <li>• 1 angle</li> <li>• 1 arc</li> <li>• 1 circle</li> <li>• 1 circle divided into 3 equal parts</li> <li>• 1 cone</li> <li>• 1 cube</li> <li>• 1 cylinder</li> <li>• 1 different object</li> <li>• 1 equilateral triangle</li> <li>• 1 equilateral triangle with sides of 5 units each</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 hexagon</li> <li>• 1 large cone</li> <li>• 1 line</li> <li>• 1 line segment</li> <li>• 1 obtuse angle</li> <li>• 1 pentagon</li> <li>• 1 point</li> <li>• 1 ray</li> <li>• 1 rectangle</li> <li>• 1 rectangle measuring 3 x 5</li> <li>• 1 rectangle measuring 4 x 1</li> <li>• 1 rectangle measuring 8 units x 3 units</li> <li>• 1 rectangular prism</li> <li>• 1 regular pentagon</li> <li>• 1 rhombus</li> <li>• 1 right angle</li> <li>• 1 right triangle</li> <li>• 1 set of 12 objects</li> <li>• 1 set of 2 identical objects, 1 object</li> <li>• 1 set of 2 triangular objects</li> <li>• 1 set of 3 circular objects</li> <li>• 1 set of 3 objects</li> <li>• 1 set of 4 objects</li> <li>• 1 set of 6 objects</li> <li>• 1 set of 7 square objects</li> <li>• 1 set of intersecting lines</li> <li>• 1 set of parallel lines</li> <li>• 1 set of perpendicular line segments</li> <li>• 1 small rectangle</li> <li>• 1 square</li> <li>• 1 square divided into 2 equal parts</li> <li>• 1 trapezoid</li> <li>• 1 triangle</li> <li>• 1 triangular prism</li> <li>• 12 objects</li> <li>• 2 circles divided into 3 unequal parts</li> <li>• 2 cones of different sizes</li> <li>• 2 congruent circles</li> <li>• 2 congruent equilateral triangles</li> <li>• 2 congruent squares</li> <li>• 2 identical circles</li> <li>• 2 identical rectangles</li> <li>• 2 identical triangles</li> <li>• 2 large cones</li> <li>• 2 large rectangles</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 spheres</li> <li>• 2 large squares</li> <li>• 2 large triangles</li> <li>• 2 rectangles</li> <li>• 2 sets of 3 objects</li> <li>• 2 small cones</li> <li>• 2 small rectangles</li> <li>• 2 small spheres</li> <li>• 2 small squares</li> <li>• 2 small triangles</li> <li>• 2 squares</li> <li>• 2 squares divided into 2 unequal parts</li> <li>• 2 squares of different sizes</li> <li>• 2 triangles</li> <li>• 2 triangles of different sizes</li> <li>• 23 small objects</li> <li>• 3 containers with 10 spaces</li> <li>• 3 different pairs of objects</li> <li>• 3 identical objects</li> <li>• 3 large squares</li> <li>• 3 small cones</li> <li>• 3 small rectangles</li> <li>• 3 small squares</li> <li>• 3 triangles</li> <li>• 30 objects</li> <li>• 4 sets of tactile numbers 0-9</li> <li>• 40 blocks</li> <li>• 40 objects</li> <li>• addition sign</li> <li>• equal sign</li> <li>• items to create a bar graph</li> <li>• items to create a bar graph shown below</li> <li>• items to create a line graph</li> <li>• items to create a line plot</li> <li>• items to create a spinner</li> <li>• items to create bar graphs</li> <li>• items to create bar graphs</li> <li>• items to create unit labels</li> <li>• material to create groups</li> <li>• set of 14 objects</li> <li>• set of 2 objects</li> <li>• set of 3 objects</li> <li>• set of 4 objects</li> <li>• set of 7 objects</li> <li>• set of 8 objects</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>• set of 9 objects</li><li>• subtraction sign</li><li>• tactile material to create groupings</li><li>• tactile material to create groups</li></ul>	



Grade 8	Common Materials Used to Administer Testlets
	<ul style="list-style-type: none"> <li>• 1 big button</li> <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 button</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</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 pencils</li> <li>• 2 identical dominoes</li> <li>• 2 identical keys that are familiar to the student</li> <li>• 2 light plates, 2 heavy plates</li> <li>• 2 plastic bags</li> <li>• 2 plastic rulers</li> <li>• 2 unbent paper clips</li> <li>• 2 wet sponges</li> <li>• 2 wooden rulers</li> <li>• 3 checkers</li> <li>• 3 craft sticks</li> <li>• 3 dominoes</li> <li>• 3 erasers</li> <li>• 3 keys</li> <li>• 3 napkins</li> <li>• 3 number cubes</li> <li>• 3 pennies</li> <li>• 3 spoons</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 3x5 rectangle</li> <li>• 1 5x10 rectangle</li> <li>• 1 acute angle</li> <li>• 1 angle</li> <li>• 1 circle</li> <li>• 1 cone</li> <li>• 1 container</li> <li>• 1 cube that differs in size</li> <li>• 1 large cylinder</li> <li>• 1 large equilateral triangle</li> <li>• 1 large triangle</li> <li>• 1 line</li> <li>• 1 line segment</li> <li>• 1 medium cylinder</li> <li>• 1 object in parts</li> <li>• 1 object with the measurable attribute of volume</li> <li>• 1 object with the measurable attribute of weight</li> <li>• 1 object with the measurable attribute of length</li> <li>• 1 obtuse angle</li> <li>• 1 oval</li> <li>• 1 parallelogram measuring 5x4</li> <li>• 1 parallelogram measuring 8 x 3</li> <li>• 1 point</li> <li>• 1 ray</li> <li>• 1 rectangle</li> <li>• 1 rectangle measuring 5x11</li> <li>• 1 rectangle measuring 6 x 4</li> <li>• 1 rectangle measuring 7 x 6</li> <li>• 1 rectangle measuring 8x10</li> <li>• 1 rectangle that differs in size</li> <li>• 1 rectangle that measures 10 x 8</li> <li>• 1 rectangle that measures 6 x 4</li> <li>• 1 rectangle that measures 7 x 6</li> <li>• 1 rectangular prism</li> <li>• 1 right angle</li> <li>• 1 set of complimentary angles</li> <li>• 1 small cylinder</li> <li>• 1 small rectangle</li> <li>• 1 small right triangle</li> <li>• 1 square</li> <li>• 1 square</li> <li>• 1 star in parts</li> <li>• 1 triangle</li> <li>• 1 triangle that differs in size</li> <li>• 1 whole object</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 whole star</li> <li>• 2 equilateral triangles</li> <li>• 2 identical cubes</li> <li>• 2 identical rectangles</li> <li>• 2 large congruent rectangles</li> <li>• 2 large congruent right triangles</li> <li>• 2 large cylinders</li> <li>• 2 rectangular prisms of different size</li> <li>• 2 right triangles</li> <li>• 2 sets of angles that are not complimentary</li> <li>• 2 squares of different size</li> <li>• 2 whole objects</li> <li>• 25 small objects</li> <li>• 3 containers</li> <li>• 3 identical triangles</li> <li>• 3 medium right triangles</li> <li>• 3 small congruent right triangles</li> <li>• 3 small equilateral triangles</li> <li>• 39 objects</li> <li>• 4 coordinate planes</li> <li>• 4 large congruent right triangles</li> <li>• 4 tactile coordinate planes</li> <li>• 5 sets of tactile numbers 0-9</li> <li>• 6 objects</li> <li>• items to create 4 coordinate planes</li> <li>• items to create a bar graph</li> <li>• items to create a function table</li> <li>• items to create a function table</li> <li>• items to create a line plot</li> <li>• items to create a table</li> <li>• items to create a tally chart</li> <li>• items to create bar graphs</li> <li>• items to create graphs</li> <li>• items to create line plots</li> <li>• items to create tables</li> <li>• items to create tally charts</li> <li>• materials to create a 1 line plot</li> <li>• materials to create a bar graph</li> <li>• tactile material to create groupings</li> </ul>

Grade 9	Common Materials Used to Administer Testlets
	<ul style="list-style-type: none"> <li>• 1 big ball</li> <li>• 1 big cloth glove</li> <li>• 1 big shoe</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 marker</li> <li>• 1 rubber band (or piece of string)</li> <li>• 1 small ball</li> <li>• 1 small ceramic plate</li> <li>• 1 small cloth glove</li> <li>• 1 small full tissue box</li> <li>• 1 small paper plate</li> <li>• 1 small rubber glove</li> <li>• 1 small shoe</li> <li>• 2 cups</li> <li>• 2 identical 12-count boxes of crayons</li> <li>• 2 identical 6-count packs of lip balm</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 paintbrushes</li> <li>• 2 pencils</li> <li>• 2 silk ribbons</li> <li>• 2 spoons</li> <li>• 5 buttons</li> <li>• 5 erasers</li> <li>• 5 markers</li> <li>• 5 pencils</li> <li>• 5 straws</li> <li>• 6 checkers</li> <li>• 6 colored pencils</li> <li>• 6 craft sticks</li> <li>• 6 or more straws</li> <li>• 6 rulers</li> <li>• 7 buttons</li> <li>• 7 cards</li> <li>• 7 connecting blocks</li> <li>• 7 cotton balls</li> <li>• 7 dominoes</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 chair</li> <li>• 1 circle</li> <li>• 1 circular object</li> <li>• 1 cone</li> <li>• 1 container with 10 compartments</li> <li>• 1 container with 5 compartments</li> <li>• 1 cube</li> <li>• 1 cylinder</li> <li>• 1 cylinder-shaped object</li> <li>• 1 cylindrical-shaped object</li> <li>• 1 hexagon</li> <li>• 1 large acute angle</li> <li>• 1 large obtuse angle</li> <li>• 1 large triangle</li> <li>• 1 line</li> <li>• 1 line segment</li> <li>• 1 object with the measurable attribute height</li> <li>• 1 object with the measurable attribute length</li> <li>• 1 object with the measurable attribute weight</li> <li>• 1 obtuse angle</li> <li>• 1 octagon</li> <li>• 1 piece of paper</li> <li>• 1 point</li> <li>• 1 pyramid</li> <li>• 1 ray</li> <li>• 1 rectangle</li> <li>• 1 rectangle measuring 3x 2</li> <li>• 1 rectangle measuring 4 x 2</li> <li>• 1 rectangle measuring 5 x 2</li> <li>• 1 rectangle measuring 5 x 3</li> <li>• 1 rectangle measuring 6 x 3</li> <li>• 1 rectangle measuring 8 x 3</li> <li>• 1 rectangle that measures 7 x 3</li> <li>• 1 rectangular object</li> <li>• 1 rectangular prism</li> <li>• 1 rectangular prism-shaped object</li> <li>• 1 right angle</li> <li>• 1 set of angled lines</li> <li>• 1 set of intersecting lines</li> <li>• 1 set of parallel line segments</li> <li>• 1 set of parallel lines</li> <li>• 1 set of perpendicular line segments</li> <li>• 1 set of perpendicular line segments in the shape of a 'T'</li> <li>• 1 set of perpendicular line segments, 2 line segments in the form of an acute angle</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 set of perpendicular lines</li> <li>• 1 small acute angle</li> <li>• 1 small cube</li> <li>• 1 small obtuse angle</li> <li>• 1 small rectangle</li> <li>• 1 sphere</li> <li>• 1 spherical object</li> <li>• 1 spherical-shaped object</li> <li>• 1 square</li> <li>• 1 square-shaped object</li> <li>• 1 table (furniture)</li> <li>• 1 triangle</li> <li>• 10 base-ten tens</li> <li>• 11 base-ten ones</li> <li>• 15 base-ten ones</li> <li>• 2 angled line segments</li> <li>• 2 angled lines</li> <li>• 2 identical cones</li> <li>• 2 intersecting lines</li> <li>• 2 pairs of identical triangles</li> <li>• 2 rays</li> <li>• 2 similar triangles</li> <li>• 27 identical objects</li> <li>• 27 pennies</li> <li>• 3 angled lines</li> <li>• 3 large congruent cubes</li> <li>• 3 large congruent rectangles</li> <li>• 3 sets of tactile numbers 0-9</li> <li>• 3 small congruent triangles</li> <li>• 31 identical objects</li> <li>• 32 identical objects</li> <li>• 6 plates</li> <li>• 68 individual blocks that can be stacked</li> <li>• 8 base-ten tens</li> <li>• acute angle</li> <li>• angled line segments</li> <li>• intersecting lines</li> <li>• items to create 1 grid</li> <li>• items to create labels</li> <li>• line segment</li> <li>• material to create groups</li> <li>• obtuse angle</li> <li>• parallel lines</li> <li>• perpendicular lines</li> <li>• ray</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>• right angle</li><li>• set of 20 objects</li><li>• tactile dollar sign symbols</li><li>• tactile material to create groupings</li><li>• tactile material to create groups</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 large full bottle</li> <li>• 1 small basket with a handle</li> <li>• 1 small basket without a handle</li> <li>• 1 small empty bottle</li> <li>• 1 small full bottle</li> <li>• 2 big ceramic plates</li> <li>• 2 big dry sponges</li> <li>• 2 big plastic cups</li> <li>• 2 erasers</li> <li>• 2 identical bandages</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 identical toothbrushes</li> <li>• 2 pencils</li> <li>• 2 rulers</li> <li>• 2 small paper cups</li> <li>• 2 small paper plates</li> <li>• 2 small wet sponges</li> <li>• 3 balls</li> <li>• 3 books</li> <li>• 3 cotton swabs</li> <li>• 3 craft sticks</li> <li>• 3 cups</li> <li>• 3 erasers</li> <li>• 3 glue sticks</li> <li>• 3 notebooks</li> <li>• 3 pencils</li> <li>• 3 ribbons</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 pencils</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 circle</li> <li>• 1 cube</li> <li>• 1 cylinder</li> <li>• 1 different large rectangle</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 dissimilar cylinder</li> <li>• 1 ellipse</li> <li>• 1 equilateral triangle</li> <li>• 1 large rectangle</li> <li>• 1 large square</li> <li>• 1 rectangle</li> <li>• 1 rhombus</li> <li>• 1 scalene triangle</li> <li>• 1 similar small rectangle</li> <li>• 1 small circle</li> <li>• 1 small similar cylinder</li> <li>• 1 small similar right triangle</li> <li>• 1 small triangle</li> <li>• 1 sphere</li> <li>• 1 square</li> <li>• 1 trapezoid</li> <li>• 1 triangle</li> <li>• 2 circles</li> <li>• 2 congruent cones</li> <li>• 2 congruent large rectangles</li> <li>• 2 congruent rectangles</li> <li>• 2 congruent right triangles</li> <li>• 2 coordinate planes</li> <li>• 2 identical cones</li> <li>• 2 identical right triangles</li> <li>• 2 large congruent cylinders</li> <li>• 2 large congruent rectangles</li> <li>• 2 small similar rectangles</li> <li>• 3 circles</li> <li>• 3 identical triangles</li> <li>• 3 large congruent right triangles</li> <li>• 3 pentagons</li> <li>• 3 sets of tactile numbers 0-9</li> <li>• 3 squares</li> <li>• 4 identical set C objects</li> <li>• 4 rectangles</li> <li>• 4 sets of tactile numbers 0-9</li> <li>• 4 triangles</li> <li>• 5 sets of tactile numbers 0-9</li> <li>• 6 identical set A objects</li> <li>• 6 identical set B objects</li> <li>• 9 sets of 8 school supplies</li> <li>• items to create 2 coordinate planes</li> <li>• items to create 3 tactile numbers lines</li> <li>• items to create a graph</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>• items to create a line graph</li><li>• items to create a pie chart</li><li>• items to create a table</li><li>• items to create a table, items to create graphs</li><li>• items to create bar graphs</li><li>• items to create coordinate grids</li><li>• items to create coordinate planes</li><li>• items to create graphs</li><li>• items to create line graphs</li><li>• items to create number lines</li><li>• items to create picture graphs</li><li>• items to create pie charts</li><li>• items to create tables</li><li>• tactile material to create a line of reflection</li></ul>	

Grade 11	Common Materials Used to Administer Testlets
	<ul style="list-style-type: none"> <li>• 1 medium size eraser</li> <li>• 2 bent straws</li> <li>• 2 books</li> <li>• 2 calculators</li> <li>• 2 dominoes</li> <li>• 2 empty tissue boxes</li> <li>• 2 full tissue boxes</li> <li>• 2 fuzzy ribbons</li> <li>• 2 identical adhesive bandages</li> <li>• 2 identical checkers</li> <li>• 2 identical keys</li> <li>• 2 identical notebooks</li> <li>• 2 identical plates</li> <li>• 2 identical sticks of chalk</li> <li>• 2 keys</li> <li>• 2 large erasers</li> <li>• 2 markers</li> <li>• 2 pencils</li> <li>• 2 pennies</li> <li>• 2 plates</li> <li>• 2 rough pieces of paper (sandpaper)</li> <li>• 2 silk ribbons</li> <li>• 2 small pencil top erasers</li> <li>• 2 smooth pieces of paper</li> <li>• 2 unbent straws</li> <li>• 3 beads</li> <li>• 3 bingo chips</li> <li>• 3 bowls</li> <li>• 3 calculators</li> <li>• 3 cards</li> <li>• 3 chenille strips</li> <li>• 3 clothespins</li> <li>• 3 coins</li> <li>• 3 cotton balls</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>• 5 rulers</li> <li>• 6 pencils</li> <li>• 6 spoons</li> <li>• 7 clothespins</li> <li>• 7 glue sticks</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 coin</li> <li>• 1 cone</li> <li>• 1 large cube</li> <li>• 1 large cylinder</li> <li>• 1 large rectangle</li> <li>• 1 large right triangle</li> <li>• 1 large similar isosceles triangle</li> <li>• 1 large square</li> <li>• 1 medium rectangle</li> <li>• 1 rectangle of a different size</li> <li>• 1 rectangular prism</li> <li>• 1 scalene triangle</li> <li>• 1 small cone</li> <li>• 1 small cube</li> <li>• 1 small equilateral triangle</li> <li>• 1 small isosceles triangle</li> <li>• 1 small rectangle</li> <li>• 1 small right triangle</li> <li>• 1 small square</li> <li>• 1 small triangle</li> <li>• 1 square</li> <li>• 1 triangle of a different size</li> <li>• 13 paper plates</li> <li>• 2 congruent squares</li> <li>• 2 cylinders that vary in size</li> <li>• 2 different two dimensional shapes</li> <li>• 2 identical rectangles</li> <li>• 2 identical triangles</li> <li>• 2 identical two-dimensional shapes</li> <li>• 2 large congruent equilateral triangles</li> <li>• 2 large congruent isosceles triangles</li> <li>• 2 large congruent rectangles</li> <li>• 2 large congruent squares</li> <li>• 2 medium congruent cubes</li> <li>• 2 small rectangles</li> <li>• 3 coordinate planes</li> <li>• 3 large congruent cones</li> <li>• 3 right triangles</li> <li>• 3 sets of 2 three-dimensional shapes that are different sizes</li> <li>• 3 small congruent cylinders</li> <li>• 3 small congruent rectangles</li> <li>• 3 triangles (2 identical triangles)</li> <li>• 4 large triangles</li> <li>• 4 sets of tactile numbers 0-9</li> <li>• 4 triangles varying from large to small</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>• 52 identical objects</li> <li>• items to create a table</li> <li>• items to create a coordinate grid</li> <li>• items to create a line graph</li> <li>• items to create a spinner</li> <li>• items to create a table</li> <li>• items to create bar graphs</li> <li>• items to create bar graphs</li> <li>• items to create function tables</li> <li>• items to create graphs</li> <li>• items to create line graphs</li> <li>• items to create line plots</li> <li>• items to create linear function graphs</li> <li>• items to create linear function tables</li> <li>• items to create pie charts</li> <li>• items to create tables</li> <li>• materials to create tables</li> <li>• set of 18 objects</li> <li>• set of 20 objects</li> <li>• tactile material to create groups</li> </ul>