



# Science Materials Collections

## 2020-2021 Instructionally Embedded Model

### Fall 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 substitutions 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 may find appropriate substitutions. For more information about substituting materials, see the TEST ADMINISTRATION MANUAL section titled Teacher-Administered Testlets and Prepare to Administer an Instructionally Embedded Testlet.

The TIP is provided in the Instruction and Assessment Planner in Kite® Educator Portal when each testlet is assigned. Since the teacher chooses which Essential Elements and linkage levels to assess during the instructionally embedded assessment, the materials needed or recommended to assess each student are unknown before the testlet is assigned. However, the materials used in different testlets often have common traits. This gives teachers the ability to identify some commonly available objects ahead of time that may be useful when administering science testlets. Teachers may collect these materials and use them during instruction. That way, the most useful materials are familiar to the student and available before the teacher begins assigning testlets in the Instruction and Assessment Planner.

To give test administrators more opportunities to prepare for the science alternate assessment prior to the opening of the assessment window, DLM staff compiled a list of materials commonly needed in science testlets. 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.
- Materials substitutions are listed for individual testlets on the TIP.
- 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 if 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
One stuffed animal, one blanket, one toy car	Two soft objects and one hard object
One cup of cold milk, one cup of warm milk	Two cups of the same drink/liquid, one that is warm and one that is cold

### Contained in This Document

- Lists by grade of common materials used in science testlets.
- Lists by grade of common materials that may be used to administer testlets to students who are blind or have visual impairments. Some science 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 Band - Elementary	Common Materials Used to Administer Testlets
	<ul style="list-style-type: none"> <li>• construction paper</li> <li>• notebook paper</li> <li>• one block</li> <li>• one brush</li> <li>• one chapter book</li> <li>• one hat</li> <li>• one highlighter</li> <li>• one magazine</li> <li>• one pen</li> <li>• one shoe</li> <li>• one soccer ball</li> <li>• one sock</li> <li>• one straw</li> <li>• one tennis ball</li> <li>• one textbook</li> <li>• one yarn ball</li> <li>• second pen</li> <li>• tissue paper</li> <li>• picture response cards are included in the TIP for Initial-level testlets that require them</li> </ul>

Grade Band - Middle School	Common Materials Used to Administer Testlets
	<ul style="list-style-type: none"> <li>• picture response cards are included in the TIP for Initial-level testlets that require them</li> </ul>

Grade Band - High School	Common Materials Used to Administer Testlets
	<ul style="list-style-type: none"> <li>• picture response cards are included in the TIP for Initial-level testlets that require them</li> </ul>