**SAMPLE QTI 3.0 ITEMS**

BATCH 3 UPDATES

The sample QTI 3.0 items have been updated based on feedback from technology stakeholders and service providers. These sample items are not intended to be the final iteration of the QTI 3.0 transition, and we encourage feedback related to these new samples.

# **Item Types**

### **EQ**

* Changed class="sbac:equation" to class="tei-sbee" for the <qti-custom-interaction> element

### **TI**

* Changed class="sbac:table-item" to class="tei-sbti" for the <qti-custom-interaction> element

### **MC**

* Added class="sbac-labels-inner-alpha" to the <qti-choice-interaction> element
  + Rendering code should indicate focus on the entire option, not just the radio button

### **MS**

* Added class="qti-labels-none" to the <qti-choice-interaction> element

### **SA**

* Added class="sbac-height-lines-5" to the <qti-extended-text-interaction> element to allow for a default text entry box 5 lines in height

# 

# **Content**

### **MathML**

* Removed the mathvariant="normal" attribute in the MathML <m3:mi> element
* The MathML svg image (as a base64 string) is included to support downstream delivery systems that do not support MathML. Kept visually hidden from sighted candidates with the class qti-visually-hidden.

### **Stimulus**

* Stimulus layout is utilizing the QTI 3.0 shared CSS classes for layout structure:

*<div class="qti-layout-row">*

*<div class="qti-layout-col5">[stimulus content]</div>*

*<div class="qti-layout-col7">[prompt content]</div>*

*</div>*

<https://www.imsglobal.org/spec/qti/v3p0/impl#h.zhf232yr6of1>

# **QTI Information Model (XML)**

* Added xml:lang:"en" to the <qti-assessment-item> element
* Added stylesheet <qti-stylesheet href="sbac-qti-assessment.css"/>
* Added class="sbac" to the <qti-item-body> element
* Replaced the <template> element with <custom-option> in the <qti-item-body>

# **Accessibility**

### **Text to Speech (TTS)**

* Removed the <span data-catalog-idref="[ref]"> element surrounding content and replaced with aria-describedby="[ref]" attribute in the <img> element
* Added <span aria-hidden="true"> for content that should be hidden from screen readers. Adjacent to the hidden content is a <span> element with a reference to the data-catalog-idref containing specific computer-read-aloud and screen-reader content
* Selected to follow the QTI 3.0 best practice approach outlined in 3.8. Where possible, utilized placing TTS tags directly into the HTML content, reducing the redundancy of TTSVI tags. Utilized aria-hidden when content is meant for sighted candidates, but invisible to assistive technology. Utilized aria-describedby along with a reference to a catalog card for assistive technology to describe the image

<https://www.imsglobal.org/spec/qti/v3p0/impl#h.bun0cxx70owp>

### 

### **Glossary**

* Glossary audio filenames have been updated.

Example:

|  |  |
| --- | --- |
| Old | New |
| item\_183477\_183477\_1\_arabic\_1\_item\_3478\_v2\_124513\_01arabic\_glossary\_ogg\_m4a.m4a | item\_183477\_enter\_1\_arabic.m4a |