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