



## NGSS-Aligned Checkpoint Assessments

### Quick Guide

The grades 5 and 8 science assessments and the Biology 1 End of Course Exam in school year 2020-2021 will be aligned to the Next Generation Science Standards (NGSS) (<https://www.nextgenscience.org/>).



The NGSS-aligned Checkpoint assessments are designed to support teaching and learning throughout the year. These assessments can be used to prepare students for this year’s Summative assessments, along with the NGSS-aligned Training Test and NGSS-aligned Interim assessments.

Checkpoint assessments are created from NGSS test question library found within the Checkpoint Authoring system. Within this system, users can review these NGSS-aligned items and select items from this library to build their own assessment. This item library includes stand-alone items associated with specific NGSS performance expectations. Keep in mind that Interim tests have clusters only, and the Summative tests include both cluster items and stand-alone items.

This document contains an overview of the NGSS-Checkpoint assessments that are available for administration to students throughout the 2020-2021 school year.

#### **Ways in which Checkpoint assessments are similar to the items students will encounter on the Interim and Summative Assessment:**

- Assess the NGSS performance expectations
- Provide the designated supports and accommodations (excluding TTS, ASL, Braille, Glossaries, and Spanish) identified for a student in TIDE if administered through the TA Live Site with students logging in through the secure browser
- Provide evidence of student progress towards meeting the NGSS performance expectations

#### **Ways in which Checkpoint assessments are different:**

- All items were developed using the modified process/criteria as Interim and Summative items. Items were not reviewed by a CAC committee and have not been field tested
- Separate, open, non-secure item pool
- Users build their own tests with the available item pool

**Grade flexibility** testing on the NGSS-aligned Checkpoint assessments provides teachers with the option of testing students outside their current enrolled grade level, when appropriate and set in TIDE. When building a test, any item from the NGSS-aligned item pool from any grade

may be used, depending on the purpose. There are no pre-sets based on a student’s current enrolled grade level.

**There is no limit to how many times a Checkpoint assessment may be administered during the school year.**

## Checkpoint Assessment Security

The NGSS-aligned Checkpoint assessments are considered student- and teacher-facing only. This designation provides educators the flexibility to access the test questions in the Checkpoint Authoring system and their students’ responses to the test questions in Centralized Reporting (formerly known as AIRWays Reporting). However, Checkpoint assessments must not be publicly displayed or distributed outside the classroom to ensure all educators can use the Checkpoint assessments as intended.

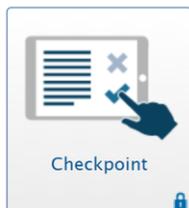
## Checkpoint Assessments Available

The following are lists of the NGSS-aligned Checkpoint assessments currently available for the 2020-2021 school year.

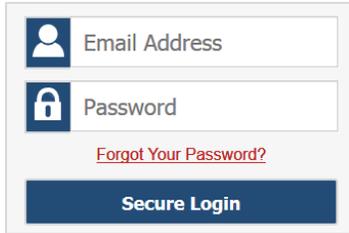
Grade Level	Number of Items
Grades 3-5	92
Grades 6-8	121
High School	52

## Accessing the Checkpoint Authoring system

Users must first access the Checkpoint Authoring system, which is found on the Hawai'i [Science State Assessment portal site](#). Users will need to have an active username and password in order to login to the Checkpoint site via the portal card, which looks like this:

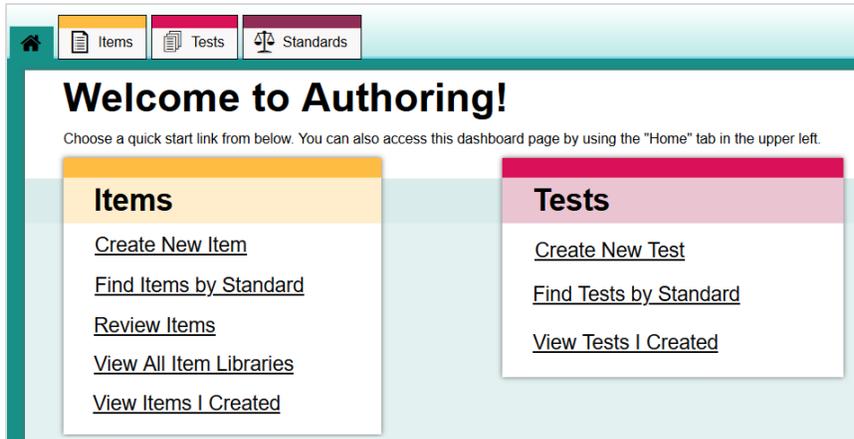


After clicking the Checkpoint portal card, users will need to login with their same username and password utilized for all Cambium Assessment systems, such as TIDE and TDS.



The login form consists of two input fields: 'Email Address' with a person icon and 'Password' with a lock icon. Below the password field is a red link for 'Forgot Your Password?'. At the bottom is a dark blue button labeled 'Secure Login'.

Once you are securely logged in, you will reach the Checkpoint Authoring system landing page.



The yellow **Items** tab brings users to the Item Dashboard page. This is where users can search, review, and preview items found in the NGSS Item Library.

The red **Tests** tab brings users to the Test Builder page. This is where users can build their tests directly with the NGSS Item Library item pool and preview these tests prior to delivery in TDS.

The dark red **Standards** tab brings the user to the standards publications available for assessment testing. Users cannot create or modify standards but can preview the standards and drill down to individual performance expectations.

## Previewing the NGSS Item Pool

Users may first want to review the NGSS-aligned Item Library prior to creating a test. This can be done either in the Items Dashboard page or directly in the Test Builder page.

On the yellow Item Dashboard page, users can select the **Item Filters** panel on the left side of the site and filter under **Libraries for NGSS Item Library**. This is the quickest way to generate the Checkpoint item pool.

# NGSS-Aligned Interim Assessments for Elementary and Middle Schools and the Biology 1 EOC Exam

**Standard**  
 Search by Quick Key or Text String

Users can also utilize the **Grades** filter to find grade-specific items or the **Quick Search** bar to search by standard. These three filter options are the suggested filters used for NGSS-aligned Checkpoint assessments at this time. Select **Apply** when you have your filter options selected.

Results will populate on the Item Dashboard then.

Name	Item Type	Comments	Grade	Subject	Standard	Created by	Date	Status	Linked Tests	Action
<a href="#">HS-LS1-2 Onions and Eye Watering</a>	Multiple	0	G9, G10, G11, G12	Science	NGSS-HS-LS LS1 HS-LS1-2	CAI	8/28/2020	Published		<a href="#">Preview</a>
<a href="#">HS-PS4-2 Library Card Catalog vs Database</a>	Multiple Choice/Select	0	G9, G10, G11, G12	Science	NGSS-HS-PS PS4 HS-PS4-2	CAI	8/28/2020	Published		<a href="#">Preview</a>
<a href="#">HS-LS1-3 Dragonfly Color Change</a>	Multiple	0	G9, G10, G11, G12	Science	NGSS-HS-LS LS1 HS-LS1-3	CAI	8/28/2020	Published		<a href="#">Preview</a>
<a href="#">HS-PS3-3 Color Bot</a>	Multiple	0	G9, G10, G11, G12	Science	NGSS-HS-PS PS3 HS-PS3-3	CAI	8/28/2020	Published		<a href="#">Preview</a>
<a href="#">HS-PS1-6 Calcium Carbonate and Lime Equilibrium</a>	Multiple	0	G9, G10, G11, G12	Science	NGSS-HS-PS PS1 HS-PS1-6	CAI	8/28/2020	Published		<a href="#">Preview</a>
<a href="#">HS-ESS2-3 Kenyan Rift</a>	Multiple	0	G9, G10, G11, G12	Science	NGSS-HS-ESS ESS2 HS-ESS2-3	CAI	8/28/2020	Published		<a href="#">Preview</a>
<a href="#">HS-LS3-2 Selenium in Fish</a>	Multiple	0	G9, G10, G11, G12	Science	NGSS-HS-LS LS3 HS-LS3-2	CAI	8/28/2020	Published		<a href="#">Preview</a>
<a href="#">HS-ESS2-4</a>	Multiple	0	G9, G10, G11, G12	Science	NGSS-HS-ESS ESS2 HS-ESS2-4	CAI	8/28/2020	Published		<a href="#">Preview</a>
<a href="#">HS-LS4-3: Green Crabs and Marine Snails</a>	Multiple	0	G9, G10, G11, G12	Science	NGSS-HS-LS LS4 HS-LS4-3	CAI	8/28/2020	Published		<a href="#">Preview</a>
<a href="#">HS-PS2-5 Wireless Charging 2</a>	Multiple	0	G9, G10, G11, G12	Science	NGSS-HS-PS PS2 HS-PS2-5	CAI	8/28/2020	Published		<a href="#">Preview</a>

Rows per page: 10 359 Items 2 of 36

Users can select **Preview** to view one or multiple items. Users can also **Favorite** items by selecting the gold star icon next to each icon. Finally, users can also **Label** items to create specific lists and help organize the dashboard when previewing items.

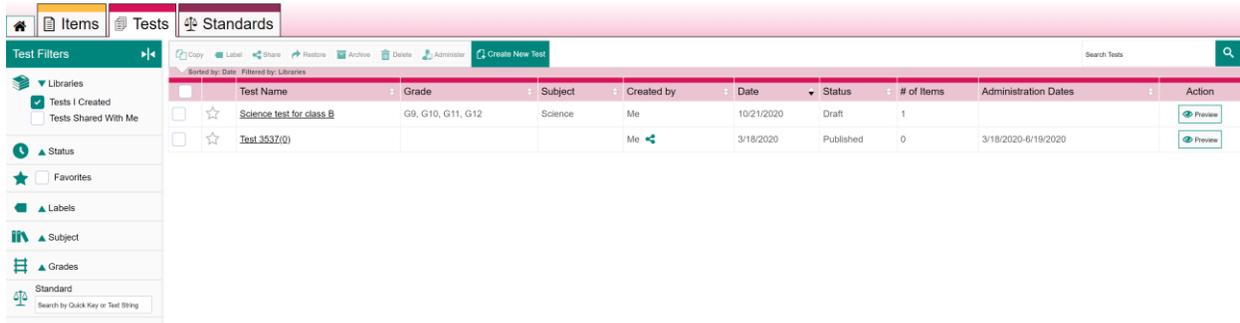
All other options (*Copy, Share, Restore, Archive, Delete*) are not available for use with the NGSS Item Library.

Users do have the ability to create new items, however users are strongly encouraged towards creating Checkpoint assessments with the currently provided item pool.

When previewing an item, users can view the item’s scoring rationale by selecting the **Item Score** button in the upper-left corner.

## Building an NGSS-aligned Checkpoint assessment

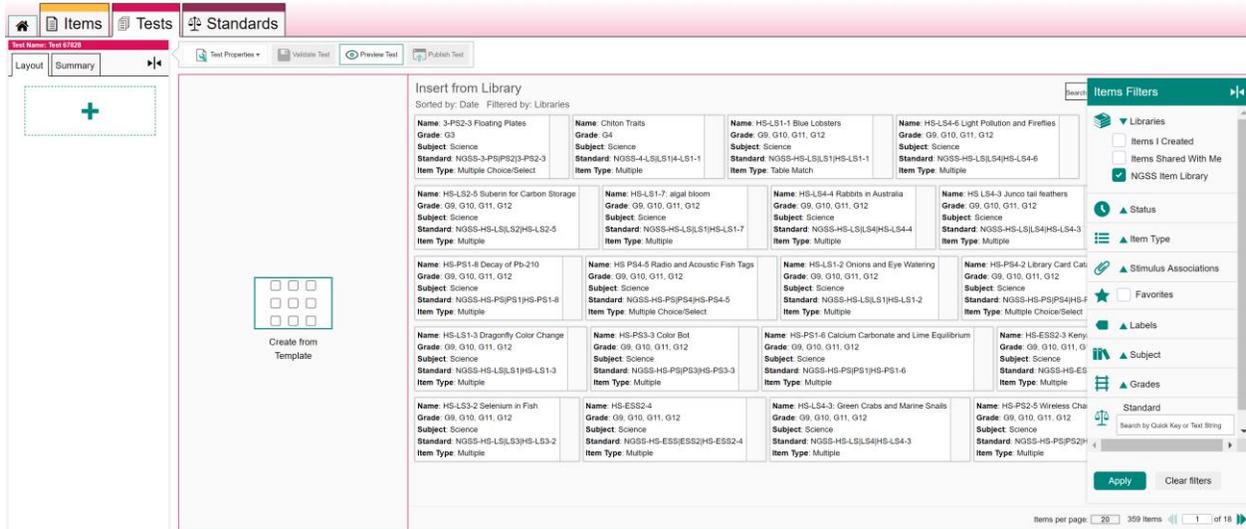
When users are ready to build an assessment, they should navigate to the Test Builder page.



This page allows users to track tests they have created, view tests shared to them, or create brand new tests. Using the various **Test Filters** panel, users can search for specific test criteria. It is also here where a test can be shared to other users, previewed, copied, labeled, restored, deleted, archived, or set to be ready for administration in TDS. Note, a test cannot be deleted once it has been shared to another user.

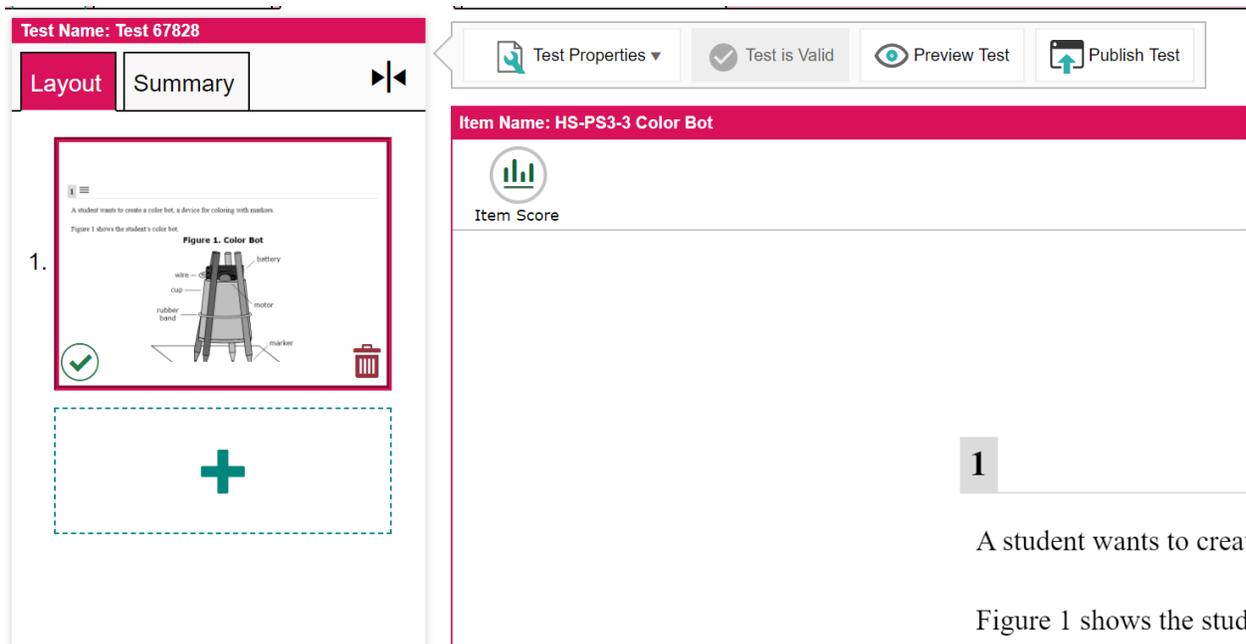
Select the green **Create New Test** button when you are ready to build a test. Then, select the **Add from Library** button on the right side of the screen. The entire NGSS Item Library will appear for selection. Utilize the Item Filters panel to find specific items you need based on standard, grade, favorites, or labels.

# NGSS-Aligned Interim Assessments for Elementary and Middle Schools and the Biology 1 EOC Exam

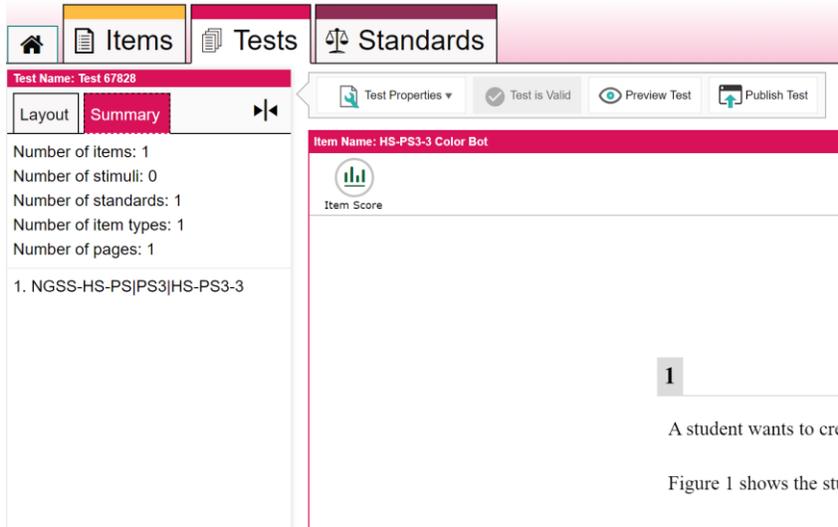


Add Original Item to Test
Cancel

When you want to preview an item, select the item’s square card to have a preview pop-up of the item appear. Once you determine that you want this item on your assessment, select the **Add Original Item to Test** button.

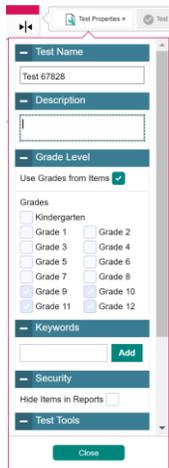


The item will appear under the **Layout** panel on the far-left side of the page. This **Layout** panel helps you keep track of which items have been added to this test. It also allows you to delete items that you might not want to use any longer or add in additional items via the green plus button. You can also move items around to change sequential order of a multiple-item test.

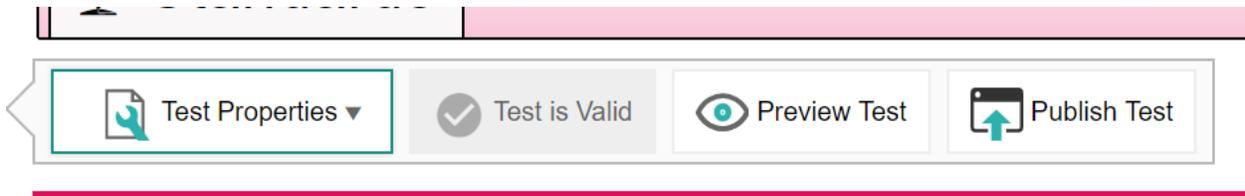


The Summary panel provides details about the test, including alignment information.

Users should review and customize test properties via the **Test Properties** button.



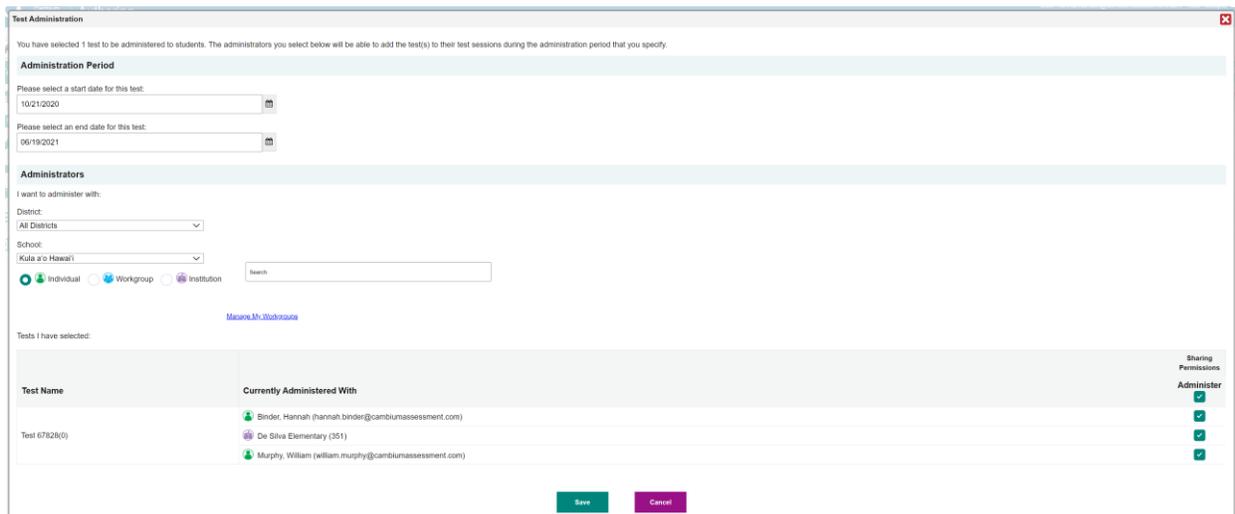
Users are encouraged to create a customized **Test Name** for each test, a description if desired, and any keywords that may help other users find this test later. The **Grade Levels** will automatically default to include the grades specifically associated with items on the test, however you can add or delete these grades if you choose. You can also modify use of test tools here, such as Desmos calculator, periodic table, thesaurus, and dictionary tools.



Once your test is completely built, you can select **Preview Test** to review it and select **Publish Test** when you are ready to finalize it. Once you publish a test, you cannot make any additional edits to this test. This test is now ready for testing in TDS!



If you want to add additional administrators, select the test from the Test Builder page and choose the **Administer** button. A Test Administration page will appear for review.



You should ensure the Administration Period dates are accurate. This is when the test can be used in TDS. The defaults extend until June 2021.

When you want to share with others, you can drill down by school to find a specific individual who works at this school and share directly with them. You can also share with specific schools by selecting the **Institution** button. Select **Save** when done. Now, you can move to the Test Administration site to administer this test!

## Administration of Checkpoint assessments

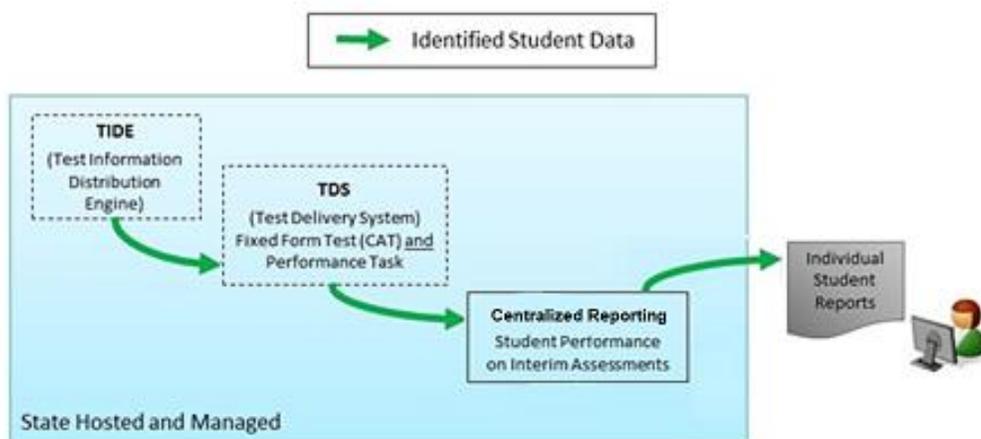
### Remote Administration

The NGSS-aligned Checkpoint assessments are available for in-person or remote administration. Remote administration of the Checkpoint assessments requires the use of a secure browser at this time.

The HIDOE believes data from remote Checkpoint administration should only be used for teachers' instructional decision-making. Data should not be used for any other purpose,

including but not limited to the placement of students in classes, the identification of student performance trends, or as a replacement for summative test results. Checkpoint assessments are not designed, nor should they be used for, accountability purposes, e.g., grading.

### Flow of Scored Test Data During Standard Administration



### Non-standardized Administration

Non-standardized administration refers to any administration that is not consistent with the administration requirements of the summative assessment. Some examples of non-standardized administration might include (but are not limited to):

- Administering tests while students answer cooperatively in pairs, in small groups, or as a whole class. Teachers may elect to include some discussion time between test items.
- Providing access to classroom resources that may support the students' understanding of the assessed content.

Results from a non-standardized administration of the interim assessments are more appropriately used as assessment for learning (formative assessment process) rather than the assessment of learning. Because non-standardized administrations do not necessarily describe the performance of individual students in a comparable manner, caution must be used when making instructional decisions based on data from a non-standardized administration.

### Additional Information:

Test administration manuals and user guides for other systems are available on the Hawai'i Statewide Assessment Program portal.

