Science Interim Assessments
Quick Guide

2020–2021

Cambium Assessment

Introduction

This quick guide provides the following information related to the Science Interim Assessments:

I. Overview of the Science Interim Assessments

II. How to Preview Science Interim Assessments in the Assessment Viewing Application (AVA)

III. How Students Login and Take a Science Interim Assessment Using the Secure Browser

IV. How to Proctor a Science Interim Assessment in the Test Administration (TA) Interface

V. How to Access Science Interim Assessment Results in the Centralized Reporting System

VI. User Support

I. Overview of the Science Interim Assessments

There are 54 Science Interim Assessments representing Earth/Space, Life, and Physical Science. Each Science Interim Assessment contains one item cluster.

Important notes related to the Science Interim Assessments:

- The Science Interim Assessments are aligned to the Next Generation Science Standards (NGSS).
- All embedded designated supports offered on the Science Summative Assessments are available on the Science Interim Assessments, including Text-to-Speech, Spanish translation, and Braille.
- All items on the Science Interim Assessment are machined-scored. Therefore, once a Science Interim Assessment has been taken and submitted by a student, the results are reported immediately in the Centralized Reporting System.
- Teachers can securely log into the Assessment Viewing Application (AVA) to preview the Science Interim Assessments without having to create a test session.
- Students will have unlimited opportunities to take each Science Interim Assessment, but the same Science Interim Assessment cannot be taken twice within one day.
- Students will have access to all Science Interim Assessments at all grade levels.

Table 1 lists the 14 Science Interim Assessments available for elementary school students in grades 3–5. Each Science Interim Assessment contains one item cluster, so there are 14 total item clusters.

Table 1. Science Interim Assessments: Elementary School (Grades 3-5)

Interim Assessment Name	Performance Expectations Assessed
Interim ES Earth and Space Science - Earth's Systems 1	4-ESS2-1
Interim ES Earth and Space Science - Earth's Systems 2*	5-ESS2-2
Interim ES Earth and Space Science - Weather and Climate*	3-ESS2-1

Interim ES Life Science - Common Ancestry and Diversity*	3-LS4-1
Interim ES Life Science - Ecosystems*	5-LS2-1
Interim ES Life Science - Inheritance of Traits	3-LS3-1
Interim ES Physical Science - Chemical Reactions	5-PS1-4
Interim ES Physical Science - Energy Transfer*	4-PS3-4
Interim ES Physical Science - Forces and Interaction*	5-PS2-1
Interim ES Physical Science - Forces and Motion	3-PS2-2
Interim ES Physical Science - Properties of Matter	5-PS1-2
Interim ES Physical Science - Wave Properties 1	4-PS4-1
Interim ES Physical Science - Wave Properties 2	4-PS4-2
Interim ES Physical Science - Wave Properties 3	4-PS4-3

*Available as a Braille test

Table 2 lists the 20 Science Interim Assessments available for middle school students in grades 6–8. Each Science Interim Assessment contains one item cluster, so there are 20 total item clusters.

Table 2. Science Interim Assessments: Middle School (Grades 6-8)

Interim Assessment	Performance Expectations Assessed
Interim MS Earth and Space Science - Earth's History	ESS1-4
Interim MS Earth and Space Science - Earth's Systems 1*	ESS2-1
Interim MS Earth and Space Science - Earth's Systems 2	ESS2-5
Interim MS Earth and Space Science - Human Impacts on Earth Systems	ESS3-3
Interim MS Earth and Space Science - Space Systems 1*	ESS1-1
Interim MS Earth and Space Science - Space Systems 2	ESS1-2

Interim MS Life Science - Adaptation	LS4-6
Interim MS Life Science - Ecosystems	LS2-2
Interim MS Life Science - Information Processing	LS1-8
Interim MS Life Science - Inheritance of Traits 1	LS3-2
Interim MS Life Science - Inheritance of Traits 2*	LS3-1
Interim MS Life Science - Matter and Energy in Organisms	LS1-7
Interim MS Life Science - Natural Selection	LS4-4
Interim MS Life Science - Structure and Function*	LS1-3
Interim MS Physical Science - Chemical Reactions	PS1-5
Interim MS Physical Science - Energy	PS3-3
Interim MS Physical Science - Forces and Motion*	PS2-2
Interim MS Physical Science - Properties of Matter	PS1-4
Interim MS Physical Science - Wave Properties 1	PS4-2
Interim MS Physical Science - Wave Properties 2*	PS4-1

*Available as a Braille test

Table 3 lists the 20 Science Interim Assessments available for high school students in grades 9–11. Each Science Interim Assessment contains one item cluster, so there are 20 total item clusters.

Table 3. Science Interim Assessments: High School (Grades 9-11)

Interim Assessment	Performance Expectations Assessed
Interim HS Earth and Space Science - Earth's History	ESS1-6
Interim HS Earth and Space Science - Earth's Systems 1	ESS2-3
Interim HS Earth and Space Science - Earth's Systems 2	ESS2-4

Interim HS Earth and Space Science - Human Impacts on Earth Systems 1*	ESS3-4
Interim HS Earth and Space Science - Human Impacts on Earth Systems 2	ESS3-3
Interim HS Earth and Space Science - Space Systems*	ESS1-3
Interim HS Earth and Space Science - Space Systems 2	ESS1-4
Interim HS Earth and Space Science - Weather and Climate	ESS3-5
Interim HS Life Science - Common Ancestry and Diversity*	LS4-1
Interim HS Life Science - Ecosystems	LS2-2
Interim HS Life Science - Inheritance of Traits*	LS3-2
Interim HS Life Science - Matter and Energy in Organisms	LS1-5
Interim HS Life Science - Molecules to Organisms	LS1-2
Interim HS Life Science - Structure and Function	LS1-3
Interim HS Physical Science - Energy*	PS3-1
Interim HS Physical Science - Forces and Interactions	PS2-5
Interim HS Physical Science - Forces and Motion	PS2-2
Interim HS Physical Science - Properties of Matter 1*	PS1-1
Interim HS Physical Science - Properties of Matter 2	PS1-2
Interim HS Physical Science - Wave Properties	PS4-1

*Available as a Braille test

II. How to Preview Science Interim Assessments in the Assessment Viewing Application (AVA)

The Assessment Viewing Application (AVA) is a secure online system that allows authorized users to view the Science Interim Assessments for administrative or instructional purposes. This secure online system may be used for viewing assessments and items only and will not provide scores and answer keys. You must have a Test Information Distribution Engine (TIDE) account to access any secure online system. If you do not have a TIDE account, please contact your District Test Coordinator.

Logging into AVA

Instructions for logging into AVA and selecting a Science Interim Assessment in the application are provided below.

1. From the Oregon Statewide Assessment System (OSAS) Portal, select the **Interim Assessments** card.

Figure 1. Interim Assessments Portal Card

2. Click the **Assessment Viewing Application** card. The *Secure Login* page for AVA appears.
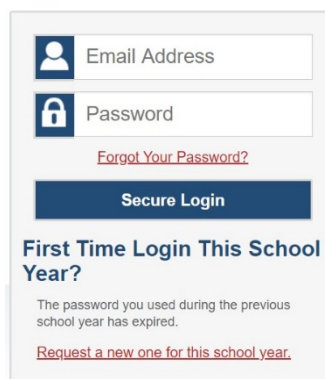
Figure 2. Assessment Viewing Application Portal Card
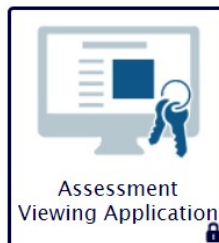
3. Enter your school email address and password in the appropriate fields, then click **Secure Login**.

Figure 3. Secure Login Page

4. If this is your first time logging into AVA for the school year, you are logging in from a new device, or you are logging in after clearing your browser's cache, the **Enter Code** page appears. If this page does not appear, proceed to Step 5.

   If the **Enter Code** page appears, an authentication code is automatically sent to your email address. You must enter this code in the *Enter Emailed Code* field and click **Submit** within 15 minutes of receiving the code via email.

Figure 4. Enter Code Page

5. The AVA **Available Tests** page appears.

Selecting a Science Interim Assessment in AVA

After you log into AVA, you can select a Science Interim Assessment to view.

1. On the **Available Tests** page, select the grade from the *Student Grade Level* drop-down list that corresponds to the Science Interim Assessment that you would like to preview. The available selections are indicated below.
   a. Grade 5: Elementary School Science Interim Assessments
   b. Grade 8: Middle School Science Interim Assessments
   c. Grade 11: High School Science Interim Assessments

Figure 5. Student Grade Level Selection

2. The corresponding Science Interim assessments appear on the ***Available Tests*** page directly under the Smarter Balanced (Interims); you must scroll down to view the Science Interims that are available for preview. All Science Interim Assessments are color-coded in purple.

Figure 6. Science Interim Assessments in AVA

3. Select a test. Since the Science Interim assessments utilize online simulations, the *Video Playback Check* panel appears on the ***Audio/Video Checks*** page. To play the sample video, click the play button. If you were able to play the video, click the **I could play the video** button. Then, click the **Continue** button to begin previewing the selected Science Interim Assessment.

Figure 7. Video Playback Check
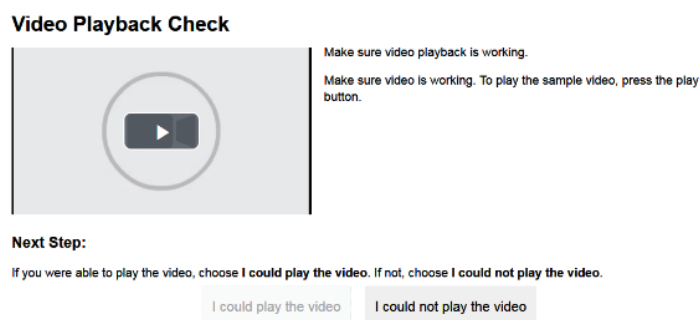
III. How Students Login and Take a Science Interim Assessment Using the Secure Browser

Students typically take the Science Interim Assessments using the Secure Browser. The Secure Browser is the same browser used for the ELA and Math Summative Assessments, the ELA and Math Interim Assessments, the Science Summative Assessments, and the ELPA Assessments.

In the midst of the national health crisis, the Oregon Department of Education (ODE) will support teaching and learning by allowing teachers to administer the Science Interim Assessments remotely. Students may access the Science Interim Assessments remotely using the Secure Browser, the Secure Test iPad app, or the Chrome, Firefox, or Edge web browsers. For detailed information on how to administer the Science Interim Assessments remotely, please refer to the *Quick Guide to Administering Interim Assessments Remotely*.
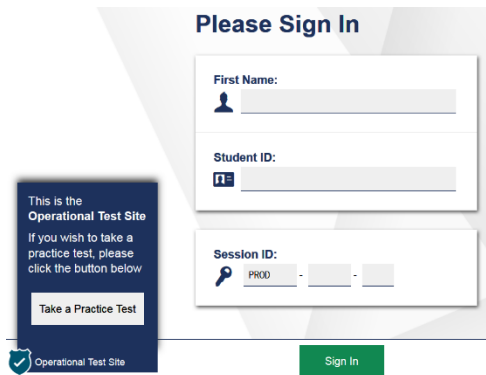
The Secure Browser can be downloaded from the OSAS Portal by following the instructions on the Secure Browsers page.

Accessing the Science Interim Assessment – Student Interface

Instructions for logging into the Secure Browser and taking a Science Interim Assessment are provided below.

1. Launch the Secure Browser.
2. Once the Secure Browser is launched, the student will see a login screen to access the Student Interface. The Student Interface is where the student will sign into and take the Science Interim Assessments. To sign into the Student Interface, students must enter three pieces of identifying information into each appropriate field: their First Name, their Statewide Student Identifier (SSID) number, and the current Session ID provided by the Test Administrator (TA).
   a. When the student has entered this information into each appropriate field, the student must click the **Sign In** button to login to take the test. The TA may assist students with logging in, if necessary. The Session ID is generated when the TA creates the test session and will be given to students by the TA when it is time for them to log into the test.
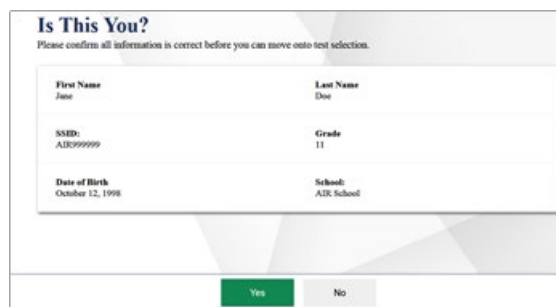
Figure 8. Student Login Screen

3. After logging in, students will be asked to review and verify their personal information on the *Is This You?* page. If their information is correct, they should click the **Yes** button to proceed to the *Your Tests* page.

Figure 9. Is This You? Page
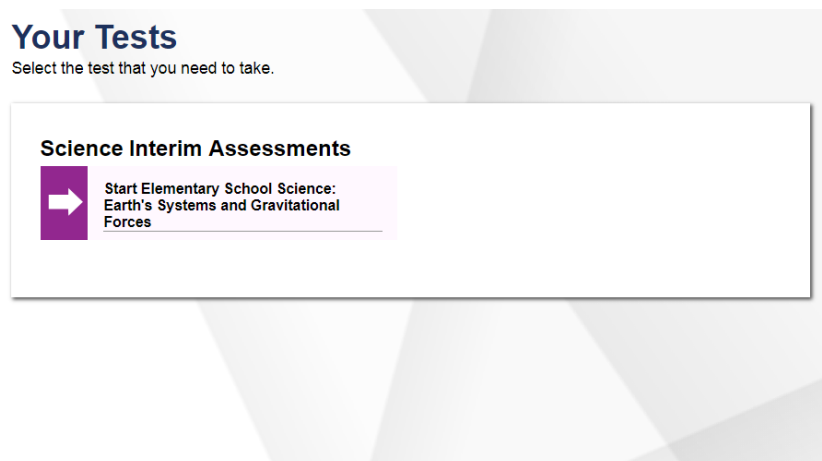
4. On the *Your Tests* page, students will see the test that the TA has chosen to proctor. The Student should select the test as directed by the TA.
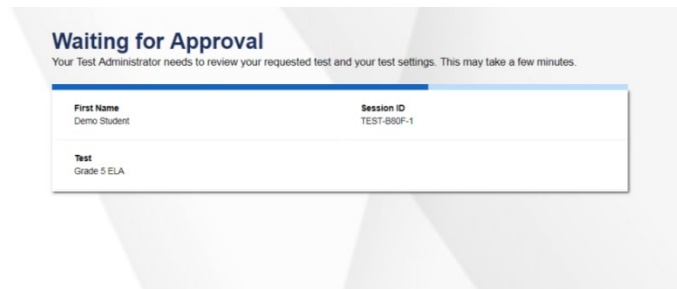
Figure 10. Your Tests Page

5. The student will be directed to the *Waiting for Approval* page. The student must wait for the TA's approval to enter the test session.

Figure 11. Waiting for Approval Page

6. Once the TA has approved the student's entry into the test session, the student will be directed to the *Audio/Video Checks* page. To play the sample video, the student should click the play button. If the student was able to play the video, the student should click the **I could play the video** button. Then, the student should click the **Continue** button.

Figure 12. Video Playback Check
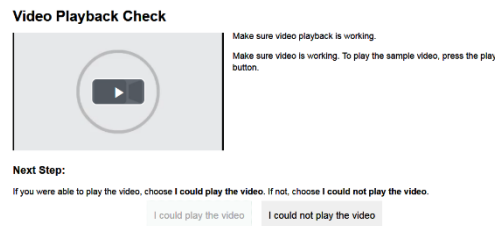
7. The student will be directed to the *Instructions and Help* page. On this page, the student may review their Test Settings and the Help Guide. When the student is ready to proceed to the Science Interim Assessment, the student should click the **Begin Test Now** button. The student will then begin the Science Interim Assessment.

Figure 13. Instructions and Help Page
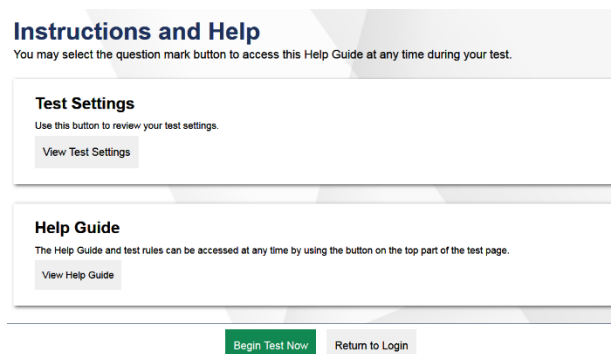
IV. How to Proctor a Science Interim Assessment in the Test Administration (TA) Interface

Teachers administer the Science Interim Assessments using the TA Interface. You must have a TIDE account to access any secure online system. If you do not have a TIDE account, please contact your District Test Coordinator.

Logging into the Test Administration (TA) Interface

Instructions for logging into the TA Interface are provided below.

1. From the OSAS Portal, select the **Interim Assessments** card (see Figure 1).
2. Click the **Test Administration** card. The *Secure Login* page for the TA Interface appears.

Figure 14. Test Administration Card

3. Enter your school email address and password in the appropriate fields, then click **Secure Login** (see Figure 3).
4. If this if your first time logging into the TA Interface for the school year, from a new device, or after clearing your browser's cache, the *Enter Code* page appears (see Figure 4). If this page does not appear, proceed to Step 5.

   If the *Enter Code* page appears, an authentication code is automatically sent to your email address. You must enter this code in the *Enter Emailed Code* field and click **Submit** within 15 minutes of receiving the code via email.

5. The *Test Selection* window in the TA Interface appears.

Figure 15. Test Selection Window
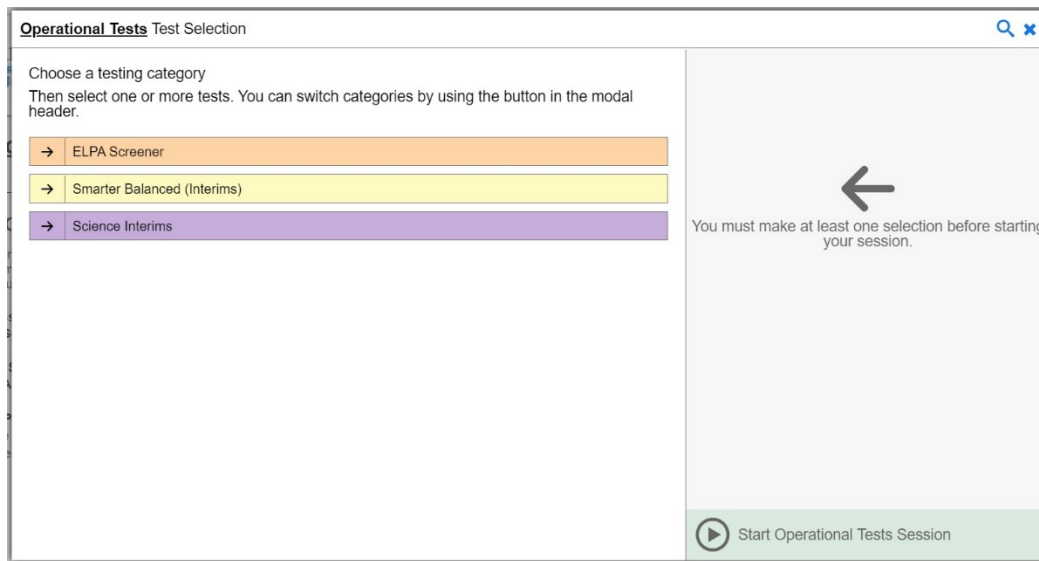
Using the Test Administration (TA) Interface to Create and Manage Test Sessions

In the *Test Selection* window, tests are categorized and color-coded by assessment type. Instructions for using the TA Interface to create and manage test sessions are provided below.

1. To select a Science Interim Assessment, click on the **Science Interims** test category. This will display the grade band groups available for the Science Interim Assessments.
2. To select a test, click on the plus sign to expand the grade band group and then the Science discipline test group. Select the test you want to administer. You may select more than one assessment to include in a test session.

Figure 16. Expanded Test Selection Window
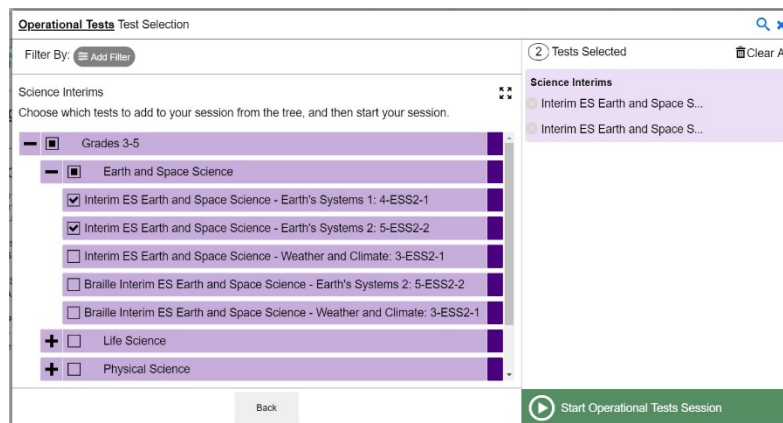
3. Once you have started the test session and students have logged in, you must approve their test settings before they can access their tests. A list of students waiting approval will display, organized by test name.
   a. If you are administering multiple tests, it is very important that you pay close attention to the test name prior to approving to be sure that students have selected the

appropriate test. If a student has selected an incorrect test, you must deny that student entry to the test session.

b.   You should also ensure that all the settings that a student should have are correct.

4.   To review and confirm a student's test settings and accommodations, click the eye icon under the *See Details* section for that student. The student's information and test settings appear. Verify that all test settings are correct before the test begins. If the test settings are not correct, please have the School Test Coordinator update the student settings in TIDE before proceeding with the test.

Figure 17. TA Review and Approval of Student Test Settings

5.   To confirm the selected test settings and return to the list of students awaiting approval, click **Set**. To confirm the settings and approve the student for testing, click **Set & Approve**. Once you click **Set & Approve**, the student is permitted in the test session and no longer appears in the *Approvals and Student Test Settings* window.

Figure 18. Student Test Settings – Detailed View

6.   If no changes are needed to student test settings or test selections, click **Approve All Students** to admit all students to the session.

7.   Once students have been approved for entry into the test session, you can monitor each student's test progress in the *Test Session* table. This table displays the following information for

each student: student name, SSID, test opportunity number, test name, student test status, student test settings, and actions.

Figure 19. Test Session Table in the TA Interface

V. How to Access Science Interim Assessment Results in the Centralized Reporting System

Following the completion of a Science Interim Assessment, teachers may see their students' results in the Centralized Reporting System. Please note that Science Interim Assessment results are not available in the Online Reporting System (ORS). For detailed information on the Centralized Reporting System, refer to the *Centralized Reporting System User Guide*.

You must have a TIDE account to access the Centralized Reporting System. If you do not have a TIDE account, please contact your School Test Coordinator or District Test Coordinator.

Logging into the Centralized Reporting System

Instructions for logging into the Centralized Reporting System are provided below.
1. From the OSAS Portal, select the **Interim Assessments** card (see Figure 1).
2. Click the **Centralized Reporting System** card. The *Secure Login* page for the Centralized Reporting System appears.

Figure 20. Centralized Reporting System Portal Card

3. Enter your school email address and password in the appropriate fields, then click **Secure Login** (see Figure 3).
4. If this if your first time logging into the TA Interface for the school year, from a new device, or after clearing your browser's cache, the *Enter Code* page appears (see Figure 4). If this page does not appear, proceed to Step 5.

If the ***Enter Code*** page appears, an authentication code is automatically sent to your email address. You must enter this code in the *Enter Emailed Code* field and click **Submit** within 15 minutes of receiving the code via email.

5. The Centralized Reporting System dashboard appears.

Figure 21. Centralized Reporting System Dashboard
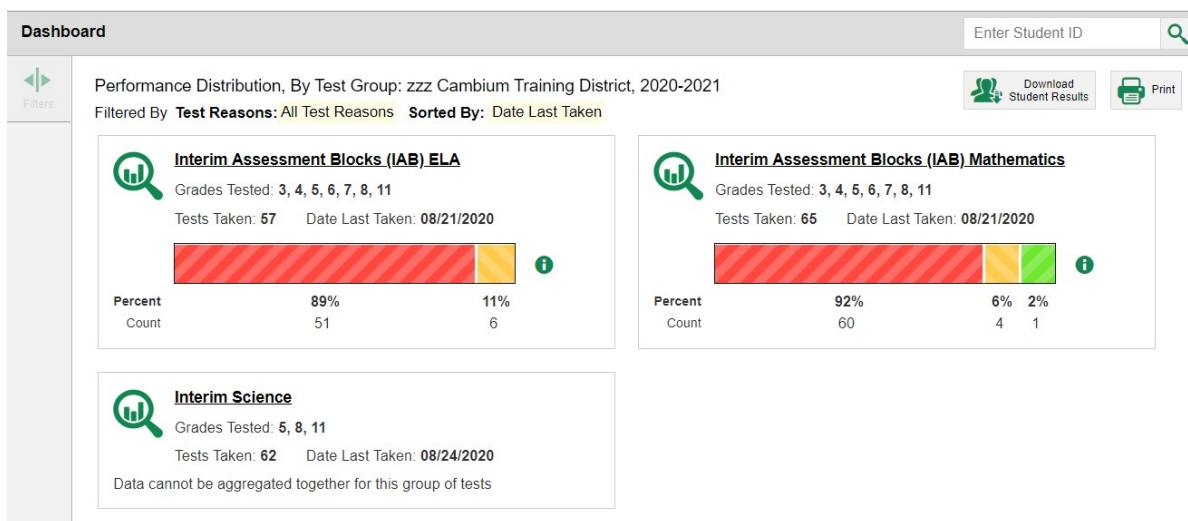
Using the Centralized Reporting System to View Science Interim Assessment Results

Because no hand scoring is required for the Science Interim Assessments, results of the assessments will be available in real time in the Centralized Reporting System as soon as the student submits the test. Teachers can view the scores for the students who were included in a test session that they proctored or for students that they are associated with by a roster. Raw scores for the item cluster in an assessment are reported. No scale scores or achievement levels will be made available for these assessments in school year 2020-21.

Figure 22. Performance on Tests Report

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In addition to the raw scores, teachers are able to access the scoring rubrics for each item cluster to see how the item cluster was scored. Teachers can also view the student's response to each item in the Centralized Reporting System.

Figure 23. Scoring Assertions in the Centralized Reporting System

VI. User Support

For additional information and assistance please visit the OSAS Portal or contact the OSAS Helpdesk.

The Helpdesk will be open Monday-Friday from 7:00 a.m. to 5:00 p.m. PT (except holidays).

OSAS Helpdesk

Toll-Free Phone Support: 1-866-509-6257

Email Support: osashelpdesk@cambiumassessment.com

Chat Support: https://osasportal.org/chat.stml

Please provide the Help Desk with a detailed description of your problem, as well as the following:

- Test Administrator name and email address
- If the issue pertains to a student, provide the student's SASID and associated district or school. Do not provide the student's name.
- If the issue pertains to a TIDE user, provide the user's full name and email address
- Any error messages and codes that appeared, if applicable
- Affected test ID and question number, if applicable
- Operating system and browser version information, including version numbers (for example, Windows 10 and Firefox 60 or Mac OS 10.14 and Safari 11)
- Information about your network configuration, if known:
    - Secure browser installation (to individual devices or network)
    - Wired or wireless internet network setup