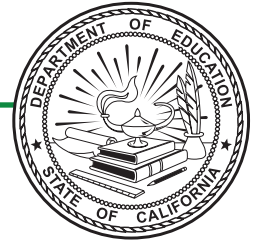

California Alternate Assessment

California Assessment of Student
Performance and Progress



Earth and Space Sciences Directions for Administration



High School, Practice Test



CAA for Science Administration Notes

For questions regarding the CAA for Science or other CAASPP assessments:

- Parents/Guardians should contact their child’s teacher.
- Test examiners and other school personnel should contact their LEA CAASPP coordinator.
- LEA CAASPP coordinators should contact the California Technical Assistance Center (CalTAC) by phone at 800-955-2954 or by email at caltac@ets.org. CalTAC is open from 7 a.m. to 5 p.m., Monday through Friday.
- For more information on all aspects of the CAAs, including test security, item types, and guidelines, refer to the *Online Test Administration Manual for CAASPP Testing*, which is linked on the [CAASPP Manuals and Instructions web page](https://www.caaspp.org/administration/instructions/index.html) at <https://www.caaspp.org/administration/instructions/index.html>

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Directions for Administration

About the Practice Test *Directions for Administration*

This California Alternate Assessment (CAA) for Science *Directions for Administration (DFA)* document contains information needed by test examiners to prepare for and administer one of the practice test performance tasks (PTs). This *DFA* contains specific information about this PT, including

- student engagement and student response,
- the concept of individualization,
- orienting activities and graphics for the orienting activities,
- the associated script for the online test questions, referred to as test items, and
- a complete list of materials needed for the administration of the performance task and suggestions for individualization, if needed.

Additional Information

- [How to Start a Practice Test Session for the CAAs](https://www.cde.ca.gov/ta/tg/ca/documents/caaqrpractice.pdf) web document at <https://www.cde.ca.gov/ta/tg/ca/documents/caaqrpractice.pdf>
- [California Alternate Assessments](https://www.caaspp.org/administration/about/caa/) web page at <https://www.caaspp.org/administration/about/caa/>
- [CAA for Science: Practice Test Scoring Guide—Earth and Space Sciences, High School \(PDF\)](https://www.caaspp.org/rsc/pdfs/CAA.Science.PT-Scoring-Guide.HS.Earth-and-Space-Sciences.Effects-of-Water.pdf) web document at <https://www.caaspp.org/rsc/pdfs/CAA.Science.PT-Scoring-Guide.HS.Earth-and-Space-Sciences.Effects-of-Water.pdf>

Directions for Administration (cont.)

Using the *Directions for Administration*

This *DFA* contains the script for administration of this CAA for Science embedded PT. Keywords, symbols, and instructions for test examiners are as follows:

Guide to Administration Scripts	How the Test Examiner Should Proceed
SAY	The test examiner reads the material aloud to the student.
POINT TO the corresponding picture	The test examiner points to the information on the screen.
READ each option and POINT TO the corresponding picture	The test examiner reads each option on the screen aloud while pointing to the graphics or text on the screen.
DO	The test examiner performs an action.
ALT	The test examiner reads the alternative text instead of pointing to the image.
IND	The test examiner has the option of administering the orienting activity or test item using either the original format or an individualized format. Guidelines for administering in both formats are provided in the <i>DFA</i> .

Alternative Text for a Student with Visual Impairment **ALT**

Within the *DFA* is boxed and *italicized* text preceded by the **ALT** symbol that provides the Alternative Text for a Student with Visual Impairment. The alternative text in these boxes should be used to describe images for a student who is not able to fully access the images or videos used in the assessment.

The alternative text is intended to be a supplement to the administration script for students who are visually impaired and should not be used in place of the administration script. Where the administration script prompts a test examiner to “**POINT TO**” an image, the test examiner would instead read the relevant alternative text to the student. The alternative text can be repeated based on a student’s need or request. The alternative text should be read exactly as it is written in the *DFA*, without clarification or rephrasing.

Optional Individualization **IND**

Like other standardized assessments, the CAA for Science should be administered to each student in a consistent manner according to the directions provided, with variations only as specified in each student’s individualized education program (IEP). To maximize engagement for all students, the CAA for Science sometimes offers additional options for individualization in specific orienting activities and test items. This *DFA* provides test examiners with guidelines on how to individualize.

Directions for Administration (cont.)

In preparation for administering this PT to a student, review the listed options for individualization and then decide if individualization is appropriate. If so, gather the alternative materials before you start testing with the student. A student should carry out activities to the greatest extent possible, but if the student is unable to do so, the test examiner may manipulate the materials to conduct the activity. A summary of all materials that may be needed for this embedded PT can be found on page 13 in [appendix A](#).

Student Responses

The CAAs are designed for one-on-one administration between a student and a test examiner who is familiar with the student. When able, students should provide responses directly into the testing device. In some cases, the test examiner may select the responses indicated by the student by means that include, but are not limited to, gesture, eye gaze, or an alternative communicative device. In all cases, responses must come from the student and not from the test examiner. **Hand-over-hand or other physical prompting by the test examiner is NOT permitted on any CAA.**

Videos

Videos are sometimes used to provide demonstrations of scientific phenomena. **These videos do not contain audio.** Some videos have accompanying text in the *DFA* that the test examiner must read to the student.

Videos may be paused or replayed as many times as needed. A student or test examiner may change the playback speed (i.e., 0.5X, 1X, 1.5X, and 1.75X) on the progress bar as necessary to ensure the student is able to process the content.

Student Engagement and PT Completion

Establishing and maintaining student engagement is important to the successful administration of the CAA for Science. The test examiner may pause testing if the student is no longer engaged, is not actively participating, or is showing signs of behavioral or functional concerns related to the test. Testing may resume at a later time as appropriate for the student.

If a student does not regain productivity and engagement, even after allowing breaks over multiple days, a test examiner may end a student's test. To end the test early, advance through the remaining test items and then submit the test.

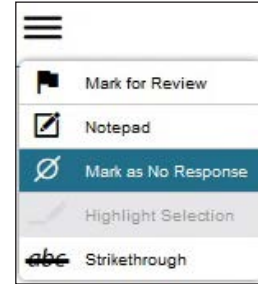
A student should be administered as much content of each PT as possible. Take the time necessary to elicit the student's best performance on each test item. A student should use the mode(s) of communication used in daily instruction.

Take advantage of options for individualization if offered in this *DFA*, and remember that test examiners can always use accommodations and resources to best meet a student's individual needs, as documented in the student's IEP. Please note that all test items may be individualized based upon the student's IEP.

Directions for Administration (cont.)

Selecting the “Mark as No Response” Option*

Ultimately, the professional judgment of a test examiner who is familiar with the student will ensure each student gets the best possible opportunity to demonstrate what the student knows and can do. For cases where the student is presented with a test item and does not provide a response, a “Mark as No Response” option is available for each test item and is found in the context menu (☰) in the upper right corner of the screen. Test examiners then select the **[Mark as No Response]** option and proceed to the next test item. Please remember that test examiners should use this option only if they have presented the test item (i.e., read the test item) to the student and the student did not provide a response, despite the test examiner’s best efforts to elicit a response. More information on response options is available in the document [Response Options for Alternate Assessments](https://www.caaspp.org/rsc/pdfs/CAASPP-ELPAC--Response-Options-for-Alternate-Assessments.2021.pdf) located at <https://www.caaspp.org/rsc/pdfs/CAASPP-ELPAC--Response-Options-for-Alternate-Assessments.2021.pdf>.



* The “Mark as No Response” option is not available on the CAAs for English language arts/literacy and mathematics.

“Mark as No Response” Option Versus Next

Presented Test Item to Student?	Student Response	Test Examiner Action
Yes	Student provides no response.	Select [Mark as No Response] option from context menu.
No	Student has become unresponsive and test examiner determines that it is best for the student to end the performance task.	Select [NEXT] button to continue through to end of performance task and then select submit button.

Administering the Science Test



Preparation for the Orienting Activity

The orienting activities prepare the student for the actual test items. The first orienting activity introduces concepts covered in the first five test items of the embedded PT. The second orienting activity introduces concepts covered in the last five test items.

As the test examiner, you may substitute objects that are more familiar to the student for these activities.

Orienting activities sometimes make use of graphics or other manipulatives that are external to the test delivery system and sometimes use videos or graphics that are within the test delivery system. Be sure to have graphics and manipulatives ready before starting the test session. Refer to [appendix A](#) for a complete listing of all materials that may be needed for this embedded PT.

Orienting Activity 1—Effects of Water

The purpose of this activity is for the student to watch a video that shows how water can move an object.

Orienting Activity 2—Earth

The purpose of this activity is for the student to observe a picture that shows the eight planets of our solar system orbiting the Sun.

Begin the Orienting Activity

Log the student on to the test delivery system now.

**Effects of Water****Script for Orienting Activity 1—Effects of Water****IND**

DO: Play the video. As the video plays,

SAY: Look at the boat. Let's think about what is moving the boat. The moving water can move other objects along the same path.

ALT *The video shows a boat being placed in a stream and moving down the stream.*

IND DO: Place a toy boat in a pan of water. Tilt the pan so the boat moves.

ALT *I am placing a toy boat in a pan of water.
I am raising one end of the pan.*

SAY: See how the water is moving the boat.

— This concludes Orienting Activity 1. —
Begin testing on the next screen.



Scripts for the First Set of Test Items

1

POINT TO the pictures and

SAY: These pictures show underwater in a stream and then the same place a month later.

ALT *The picture shows underwater in a stream. There is a rock in the middle of the stream floor.*

The picture shows underwater in a stream. There is a rock on the right edge of the stream floor.

READ the item and **POINT TO** each option as it is read.

2

SAY: Now we will watch a video.

DO: Play the video.

ALT *The video shows an underwater view of a stream. The flowing water is picking up the dirt and the pebbles.*

After the video has played,

SAY: This shows what it looks like underwater.

READ the item and **POINT TO** each option as it is read.

3

POINT TO the pictures and

SAY: Water gets bigger when it freezes. This shows what happens when water gets in a crack in a rock and freezes.

ALT *The picture shows three versions of the same rock. The first version is a rock with a small crack in the middle, filled with water.*

The second version is the same rock. The crack is now wider and longer, and the water has become ice.

The third version shows that the crack has gone through the whole rock. The whole rock has split into two smaller rocks.

READ the item and **POINT TO** each option as it is read.



4

POINT TO the pictures and

SAY: This shows a glacier moving over time.

ALT *The top picture shows a valley with a glacier halfway down the valley. In front of the glacier are rocks and trees.*

The bottom picture shows the same valley. The glacier has moved downhill, and the trees and rocks are pushed by the glacier.

READ the item and **POINT TO** each option as it is read.

5

READ the item, **POINT TO** the options, and

SAY: Animals drink it.

ALT *The picture shows two horses drinking water from a pond.*

SAY: It makes waterfalls.

ALT *The picture shows a waterfall.*

SAY: It makes valleys.

ALT *The picture shows a river running through a valley between two mountains.*

SAY: Ducks swim in it.

ALT *The picture shows ducks on a lake.*

SAY: How else does water change the way Earth's surface looks?

— This concludes the first half of this embedded PT. —

Prepare for Orienting Activity 2 before proceeding to the next screen.

**Earth****Script for Orienting Activity 2—Earth****IND**

DO: Show [Graphic 1](#) to the student.

ALT *The picture shows the solar system with eight planets going around the Sun.*

SAY: This is our solar system. Eight planets are going around the Sun.

POINT TO Saturn, the planet at the top with rings, and

SAY: This is Saturn. It is a planet in our solar system that has rings.

IND The test examiner may substitute images used in classroom discussion which show the solar system.

— This concludes Orienting Activity 2. —

Continue testing on screens 6 through 10, which correspond to on-screen sequence numbers.



Scripts for the Second Set of Test Items

6

POINT TO the picture and

SAY: This shows our solar system.

READ the item and **POINT TO** each option as it is read.

7

READ the item, **POINT TO** the objects in the options that have arrows pointing to them, and

SAY: A

ALT *The picture shows a small gray circle with dark gray markings next to a large, blue circle with brown and green markings.*

SAY: B

ALT *The picture shows a tan circle with rings around it next to a large, yellow circle.*

8

SAY: We are going to see what makes night and day happen.

DO: Play the video.

ALT *The video shows Earth next to the Sun. Earth is turning, and the side facing the Sun has light. The side away from the Sun is dark.*

READ the item and **POINT TO** each option as it is read.



9

READ the item, **POINT TO** the options, and

ALT *The picture shows the Sun with an arrow pointing to a blank box labeled “daytime.”*

SAY: this one

ALT *The picture shows Earth with light on the side facing the Sun and darkness on the other side.*

SAY: this one

ALT *The picture shows Earth with darkness on the side facing the Sun and light on the other side.*

SAY: this one

ALT *The picture shows darkness on all of Earth.*



10

Part A

POINT TO the pictures showing the star on each and

SAY: The star shows California.

READ the item, **POINT TO** the options, and

SAY: this one

ALT *The picture shows the Sun with an arrow pointing to Earth. There is a star on the west coast of North America. Earth is straight up with the north pole at the top.*

SAY: this one

ALT *The picture shows the Sun with an arrow pointing to Earth. There is a star on the west coast of North America. The north pole of Earth is tilted toward the Sun.*

SAY: this one

ALT *The picture shows the Sun with an arrow pointing to Earth. There is a star on the west coast of North America. The north pole of Earth is tilted away from the Sun.*

If the student provides only one response (correctly or incorrectly), repeat the prompt for the choice not completed.

Part B

READ the item and **POINT TO** each option as it is read.

— You have completed this performance task. —

Appendices

Appendix A: Summary of Materials

This appendix contains a summary of the materials that are necessary for the administration of the orienting activities and certain test items for all students. It may also contain a summary of the materials that may be used to individualize the orienting activities or certain test items. Please note that all test items may be individualized based upon the student's IEP.

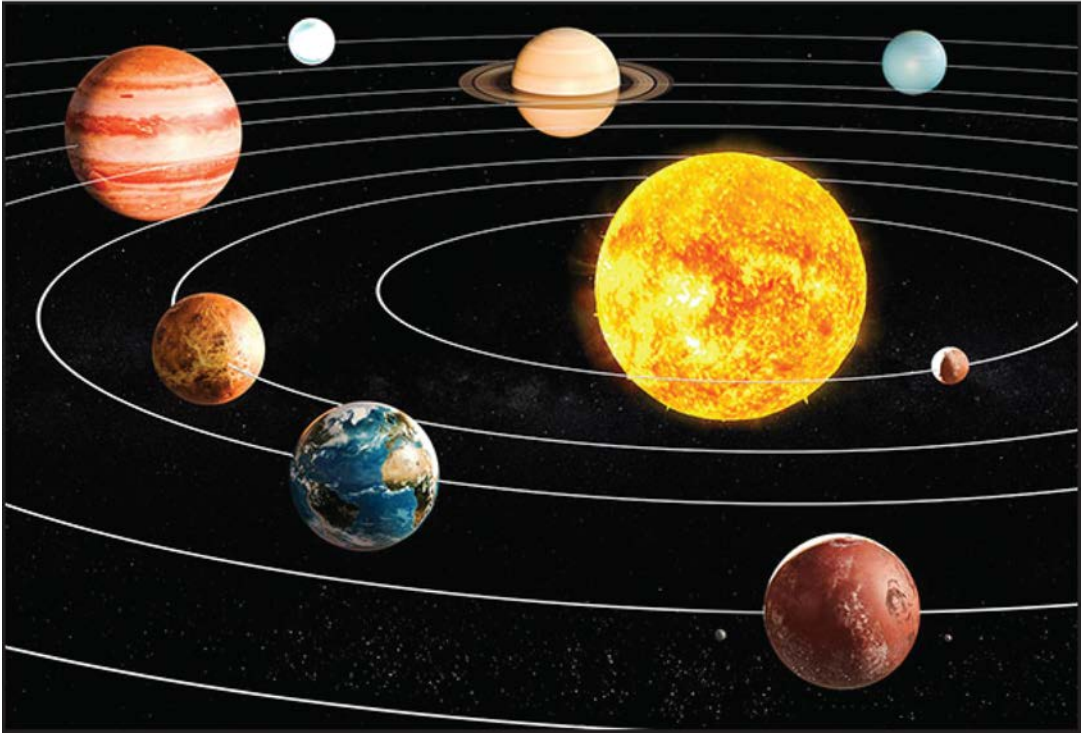
Student Interaction	Page	Exemplar Materials	Optional Materials for Individualization
Orienting Activity 1— Effects of Water	6	Video	Toy boat A pan of water
Orienting Activity 2— Earth	9	Graphic 1	The test examiner may substitute images used in classroom discussion which show the solar system in place of Graphic 1.

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Appendices (cont.)

Appendix B: Graphics

Graphic 1



[Return to script for Graphic 1](#)

