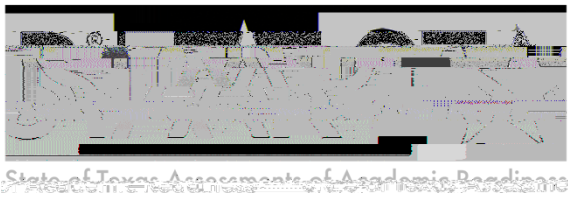
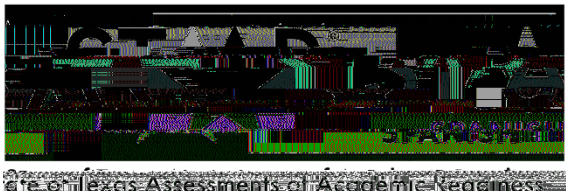




Grade 5 Science
Grade 5 Spanish Science

Short Constructed Response Scoring Guide

Sample

Grade 5 Science
Short Constructed Response

Grade 5 Science Prompt

Prompt: A student models part of the water cycle. They fill a clear measuring cup halfway with water and place it on a sunny windowsill. The table shows their results.

Water Cycle Model

Container	Water	Time on Windowsill	Observations
Clear, open	Half-filled	24 hours	Water level has decreased

The student wants to change their setup to model condensation.

What is one change they can make to model condensation, and what would be their expected observations? Enter your answer in the space.

Item-Specific Rubric

Score: 2

The response includes a change to the investigation setup that would create condensation, such as:

- adding a lid or plastic wrap to the measuring cup
- replacing the cup with a jar or plastic container with a lid

A correct description of expected observations includes:

- water droplets forming on a lid or covering
- fog or steam inside the container or appearing on the walls as small drops

Score: 1

The response correctly identifies one change to the setup, but the expected observations are incorrect, missing, or restate the question.

Note: No partial credit awarded for correct observations without a correct change to the investigation setup.

Score: 0

The response is incorrect or irrelevant.

Sample Student Responses

Score Point 0s

you can change the location of the cup to were more of the suns heat is and wait 24 hours and the cup will be steamy because it condensed.

Score Point 0

The student response identifies an incorrect change to the investigation setup as it would not create condensation (you can change the location of the cup to were [where] more of the suns heat is and wait 24 hours) and a relevant description of expected observations for condensation (the cup will be steamy). While the student demonstrates some understanding by observing the cup would become ÒsteamyÓ, as per the Scoring note in the rubric description for Score Point 1, no partial credit is awarded for correct observations without a correct change to the investigation setup.

One change they c ould make is they could put some more water in the container. Their expected observation is that there is water droplets on the outside of the glass.

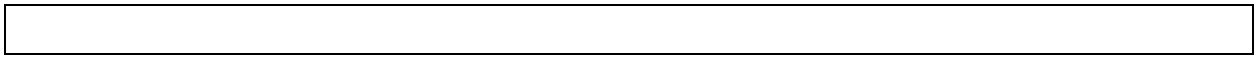
Score Point 0

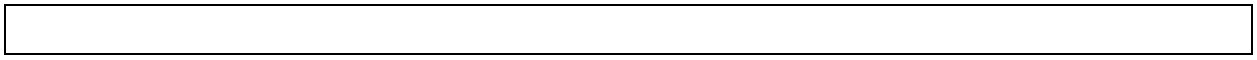
The student response identifies an incorrect change to the investigation setup as it would not create condensation (. . . put some more water in the container) and an incorrect description of expected observations for condensation (. . . water droplets on the outside of the glass) . A covered container in the investigation setup would have water droplets inside the container. The student demonstrates no understanding of the process of condensation and how to model it.

I think that the water level decreased because since it was clear and next to the window the water evaporated because of the heat o f the sun. The heat of the sun made the water turn in to water vapor that is why less water was in the cup.

Score Point 0

The student response only contains an attempt to explain expected observations for the original model (the water level decreased, the water evaporated because of the heat of the sun, water turn in to water vapor). A change to the investigation setup is missing. While the student explains and correctly applies their knowledge of the evaporation process, the response is irrelevant as it d oes not minimally address the first part of the prompt, and therefore demonstrating no understanding of the process of condensation and how to model it.





Score Point 2

They could add plastic wrap to the top of the container to act as the atmosphere. After

Grado 5 Ciencias Espa–ol
Respuesta Escrita Corta

Grade 5 Science Spanish
Constructed Response Scoring Guide

Calificaci—n de 1

Un frasco tra nsparente con agua cerrado y durante unas 5 horas el nivel del agua ha incrementado.

Calificaci—n Ð 1

La respuesta del estudiante describe un cambio correcto en el dise–o de la investigaci—n que podr'a crear condensaci—n (ÒÉfrasco transparente con agua ce (ÒÉa(re)-292 (e)e-2 (quD

