Formative Assessment #2

Journey Through the Water Cycle Story

Concept(s)

Assessed Water cycles, as individual molecules, between living and non-living

things. Water remains in some locations longer than others.

Time 30 minutes

Materials <u>Individual</u>

Writing Prompt

R1 Rubric

Advance preparation

1. Duplicate prompt for each student

Procedure:

1. Tell students they will have an opportunity to share what they understand about the water cycle.

- 2. Distribute the prompt to each student and ask him/her to do his/her best work.
- 3. When students have completed the prompt, use R1 Rubric to score the work.
- 4. After scoring the student work, ask students to tape their writing into their notebook.

Name	Date	

Journey Through the Water Cycle

Imagine you are a water molecule telling the story of your journey. Use what you learned from the previous lessons to demonstrate your understanding of how water cycles. Include the places you go, and the changes you make as you travel through the cycle. Use the vocabulary words written below correctly in your story. Show what you know and be as creative as possible. Illustrate your journey when you are finished writing.

Evaporation Accumulation	Condensation Transpiration Respiration	Precipitation Perspiration

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The Water Cycle (Assessment) Rubric

Students must use these vocabulary words:

Word	Description
Evaporation	how water changes from a liquid to a gas through heating
Precipitation	how water falls from the sky in forms such as rain, snow, sleet, or hail
Condensation	how water changes from a gas to a liquid through cooling
Accumulation	how water stays in one place without changing form
Transpiration	how water leaves pores of plants or animals as a vapor
Perspiration	how water leaves pores of animals as a liquid
Respiration	how water leaves animals through breathing as a vapor

RUBRIC

4	3	2	1
All words are	All words are	Most words are	Some words are
included and	included and most	included in the	not used. Minimal
described in the	are described in	correct place but	or no words are
correct place.	the correct place.	some are not	described.
		described correctly	
Writing indicates	Writing indicates	or are incorrect.	
that water	EITHER that water		
molecules travel	molecules travel	May or may not	Does not include
individually and	individually OR	mention individual	individual water
may stay longer in	may stay longer in	water molecules or	molecules or
some places than	some places than	different time in	different time in
others	others	different locations	different locations.