

Diagnostic Assessment for Bedlam in Bedrock



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Assessment Instructions

Assessment Activity Title: Diagnostic Assessment

Assessment Form: Diagnostic

Type of Assessment: Constructed Response and Selected Response

Duration: 20 minutes

Standard (s) Assessed: SC.D.1.2.1.3.1, SC.D.1.2.2.3.1, SC.D.1.2.3.3.1, SC.D.1.2.4.3.1, SC.D.1.2.5.3.1, SC.H.1.2.5.3.1, and SC.H.3.2.1.3.2

Description of Assessment Activity: This is a selected response and constructed response diagnostic assessment. Assessment results are used to guide instruction of the unit.

Teacher Directions:

1. Distribute copies of the Diagnostic Assessment to students.
2. Explain that before beginning the new unit *Bedlam In Bedrock* you want to find out what the students already know.
3. Tell students they will not receive a grade on this assessment. You will only use the results to help you plan your instruction of the unit.
4. Ask students to write their names and the date at the top of the first page.
5. Inform students that because this is a science assessment and not a reading assessment, you will read the assessment directions, items, and answer choices.
6. Direct student attention to item number one.
7. Read the assessment item and answer choices.
8. Provide time for students to complete their answers.
9. Continue steps 7 and 8 for all assessment items.
10. Collect papers.

Student Directions:

1. Write your name and today's date at the top of the first page.
2. I will read the assessment to you. Listen as I read the first directions. (Teacher reads the first directions and assessment item.)
3. Mark your answer.
4. Continue to listen as I read the questions to you. Then mark your answers.

Scoring Method and Criteria:

The Diagnostic Assessment Key is used to score this assessment, but grades are not assigned. The teacher uses assessment results as a guide in planning unit instruction.

Diagnostic Assessment

Bedlam in Bedrock

SC.D.1.2.1.3.1, SC.D.1.2.2.3.1, SC.D.1.2.3.3.1, SC.D.1.2.4.3.1,
SC.D.1.2.5.3.1, SC.H.1.2.5.3.1, and SC.H.3.2.1.3.2

Name _____ Date _____

Read the sentence. Circle the letter of the correct answer.

(SC.D.1.2.1.3.1, SC.D.1.2.2.3.1, SC.D.1.2.3.3.1, SC.D.1.2.4.3.1, SC.D.1.2.5.3.1)

1. Small rocks come from _____.
 - a. riverbeds
 - b. the sky
 - c. larger rocks

2. About _____ of the Earth's surface is water.
 - a. 33%
 - b. 75%
 - c. 50%

3. The stages of the water cycle are _____.
 - a. evaporation, condensation, and precipitation
 - b. condensation, evaporation, and erosion
 - c. weathering, erosion, and precipitation

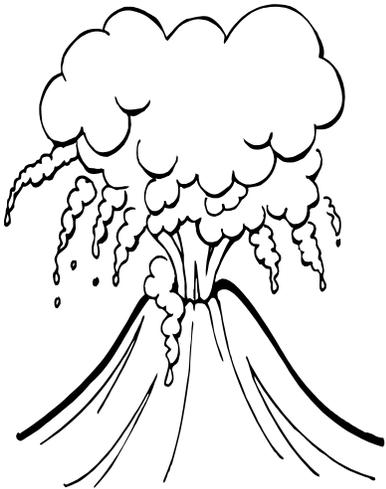
4. The process that causes rocks on Earth's surface to crumble, crack, and break is called _____.
 - a. erosion
 - b. watering
 - c. weathering

5. The process by which weathered materials are moved around or carried away is called _____.
 - a. erosion
 - b. eruption
 - c. evasion

6. Landforms on earth _____.
- a. never change
 - b. change over time
 - c. only change when man makes a change

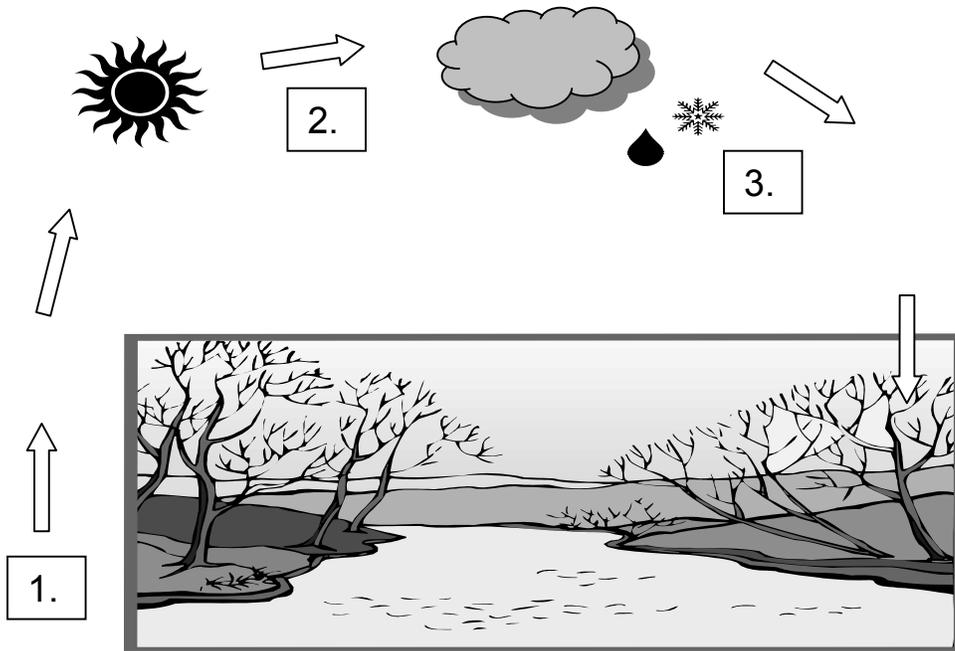
7. A _____ is a landform.
- a. mountain
 - b. tree
 - c. hurricane

8. Look at the sketch of the volcano below. Tell how an erupting volcano can cause a landform to change over time. (SC.D.1.2.5.3.1, SC.H.1.2.5.3.1)



9. Look at the diagram below. Match the numbers in the diagram with the name of each stage of the water cycle.

Precipitation _____ Evaporation _____ Condensation _____



(SC.D.1.2.3.3.1)

Fill in the blanks with the correct answers. (SC.H.1.2.5.3.1)

10. A globe is a model of _____.

11. A globe helps us to study the _____ and _____.

12. Use a reference material in your classroom. Write the meaning of the word **erosion** on the lines below. (SC.H.3.2.1.3.2)

Erosion - _____

Diagnostic Assessment Key

1. c
2. b
3. a
4. c
5. a
6. b
7. a
8. Accept reasonable answers. A possible answer might include:
Lava flows out of a volcano when it erupts. The lava flows onto the Earth's surface. The lava then cools and forms new land.
9. 3, 1, 2
10. The Earth
11. Continents and oceans
12. Accept reasonable answers. Possible answers might include:
Erosion is the process by which weathered materials are moved around or carried away.