



Post – Site Activities

Test Your Knowledge

Name: _____

Date: _____

Multiple Choice

1) Which of the following animals is not found at Capulin Volcano

- | | |
|---------------------|-------------------------|
| A Black Bear | C Moose |
| B Mule Deer | D Turkey Vulture |

2) The magma that formed Capulin flowed like

- | | |
|---------------------|--------------------|
| A Cool Honey | C Olive Oil |
| B Hot Syrup | D Water |

3) Capulin is a

- | | |
|-------------------------|----------------------------|
| A Shield Volcano | C Composite Volcano |
| B Cinder Cone | D Mound |

4) Capulin is the Spanish word for

- | | |
|----------------------|---------------------|
| A Gooseberry | C Raspberry |
| B Chokecherry | D Blackberry |

5) How many lava flows came out of the boca?

- | | |
|------------|------------|
| A 1 | C 2 |
| B 3 | D 4 |

Matching

- | | |
|----------------------------------|-------------------------|
| ___ Boca | A. 60, 000 years old |
| ___ Magma | B. 9 million years old |
| ___ Capulin | C. Spanish for mouth |
| ___ Raton Clayton Volcanic Field | D. Shield Volcano |
| ___ Ladybugs | E. Swarm in the summer |
| ___ Pinyon-Juniper Forest | F. Came out of the boca |
| ___ Sierra Grande | G. Volcano in Mexico |
| ___ Paricutin Volcano | H. Grows on Volcano |

Short Essay

Using the spaces below, answer the following questions.

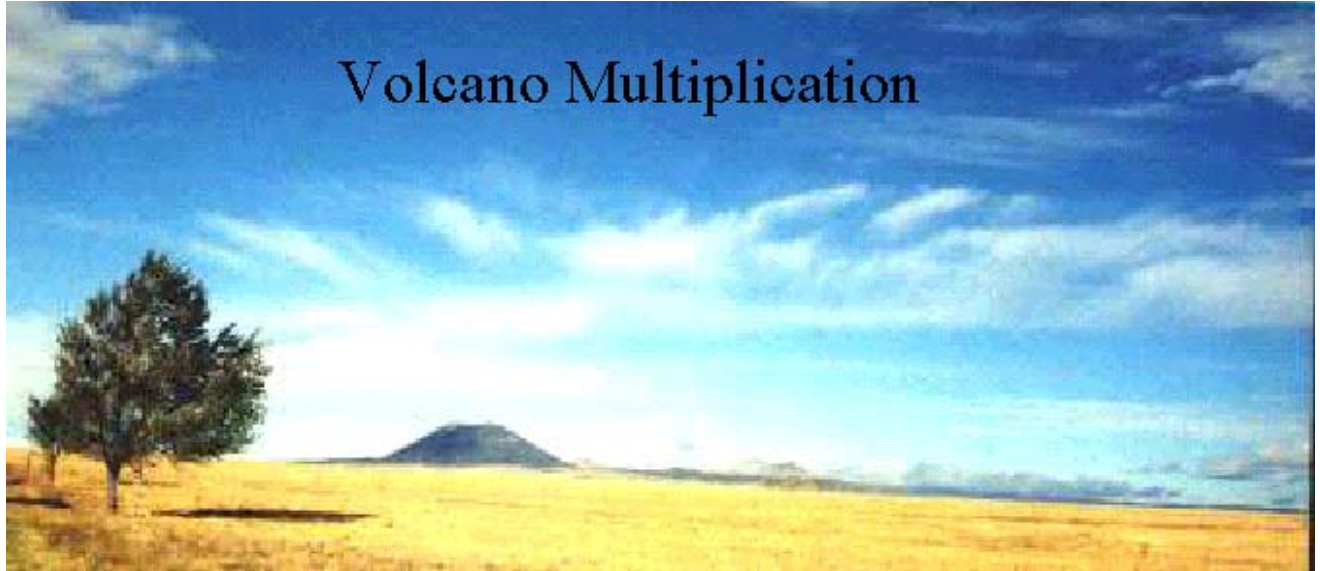
1. Capulin had three phases of eruption. Name and explain these phases.

2. How big of a problem is erosion on Capulin Volcano? What can be done to fix it?

Use your creativity

Draw a picture of something you saw when you visited Capulin Volcano. Then, write a story about your picture.





Volcano Multiplication

Directions: The product of each equation will equal a letter of the alphabet. The letters will come together to spell a secret message.

A 1	J 10	S 19
B 2	K 11	T 20
C 3	L 12	U 21
D 4	M 13	V 22
E 5	N 14	W 23
F 6	O 15	X 24
G 7	P 16	Y 25
H 8	Q 17	Z 26
I 9	R 18	

- | | |
|--------------------|--------------------|
| 1. $11 \times 2 =$ | 9. $19 \times 1 =$ |
| 2. $3 \times 5 =$ | 10. $1 \times 1 =$ |
| 3. $6 \times 2 =$ | 11. $9 \times 2 =$ |
| 4. $3 \times 1 =$ | 12. $5 \times 1 =$ |
| 5. $1 \times 1 =$ | 13. $1 \times 3 =$ |
| 6. $2 \times 7 =$ | 14. $3 \times 5 =$ |
| 7. $3 \times 5 =$ | 15. $5 \times 3 =$ |
| 8. $5 \times 1 =$ | 16. $3 \times 4 =$ |

1 2 3 4 5 6 7 8 9

10 11 12

13 14 15 16 !!!

Project Ideas –End of Unit

1. The Study of Lava Flows

Materials:

Pictures and samples of lava flows (if possible)
Instant pudding mix – vanilla and chocolate
Powdered milk and water
Measuring cup – size according to box of pudding
Mixing bowl, fork, and spatula
Flat surface with a 1 cm diameter hole
2 icing bags
Paper towels

Activity

- a) Show students pictures and samples of lava flows.
-Encourage discussion about how they flow and the differences between pahoehoe (pa-hoy-hoy) and aa (ah-ah) lava flows and their viscosity.
- b) Have the students mix the chocolate pudding. Add twice the amount of milk that is suggested. This will have the effect of runny lava. Have the students predict what will happen when this type of lava is extruded through the hole.
- c) Put the chocolate pudding in the icing bag. Hold it beneath the hole in the flat surface. Observe the shape and direction of flow.
- d) Have the students mix the vanilla pudding. Milk: Pudding = 1:8
- e) Put the pudding in the icing bag, and repeat experiment.
- f) What were the differences between the two flows? How did the amount of milk effect the flow? What would happen if something was in the way of the flow? Did cracking occur?

2. Point, Question and Connect

Materials

Paper
Pencils
Imagination

- a) Brainstorm creative ideas for stories that relate to Capulin Volcano.
- b) Write a first draft.
- c) Trade first drafts with a partner.
- d) Read the draft thoroughly.
- e) When you are both done reading, point out a part of the story that you liked. Next, ask a question about the paper. Then, connect with the paper. (This could be something you liked, or even something that conjures a memory.)
- f) Taking the constructive information your partner gave you, write a second draft of your paper. (If you need to, trade drafts with another person and point, question and connect again.)
- g) Write a final draft.
- h) **Be very creative!**