

Bean Lab Summary Sheet

Name: _____

Soil Type: _____

1. Look back at your hypothesis and compare your actual results. Was your hypothesis correct or close? Why or why not?

2. Take a look at your classmates' bean cups and their results. How did your results compare?

3. Which soil type produced the fastest growing or tallest bean plants?

4. Why do you think your answer to #3 did so well? What makes that soil work so well?

5. Which soil type produced the least number of beans or the smallest?

6. Why do you think your answer to #5 did so poorly? What makes that soil harder to grow in?

7. How do you think the soil from these three different monuments might have affected the people who lived and farmed here?

8. Arizona is a dry and arid desert that does not get much rainfall. How do you think the Ancestral Puebloan people might have compensated for the lack of water?

9. Think back to the background information about the Ancestral Puebloan people and the three monuments. Is there evidence that people actually farmed at Sunset Crater AFTER the volcano erupted?

10. What do the bean lab results tell you about the Sunset Crater Volcano growing ability?

11. If you could do this lab again, what would you have done differently? OR How could you change this lab to learn something new?
