**Volcano model Question** Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ # \_\_\_\_\_

***Direction:*** 1. Color volcano model and put it together

2. Use information from handout and Textbook chapter 13 pages 342-367 to answer questions below

3. When finished turn model and questions to teacher and get Volcanoes 1-4 worksheet to complete

(Info questions from model handout)

1. The Model you made represents a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or composite volcano.
2. Scientist classify volcanoes into \_\_\_\_\_\_\_\_\_\_ main types.
3. The three main types are: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and stratovolcanoes.
4. Cinder cones are the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, and form largely by the piling up of \_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_ and rocks.
5. What does the word *pyroclastics mean? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.*
6. Examples of cinder cone volcano are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ crater located in the state of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and Paricutin in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
7. Shield volcanoes are general not \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
8. Shield volcanoes are built by accumulation of fluid \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ that spreads out and produces a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ with broad \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ slopes.
9. These volcanoes are the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of all volcanoes.
10. Kilauea and Mauna Loa in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are examples of shield volcanoes.
11. A stratovolcano is built of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_flows with \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ interlayered.
12. This type of layering is result of history of alternating \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ eruptions.
13. Young stratovolcanoes are typically \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ sided.
14. Are there active volcanoes in North America? \_\_\_\_\_\_\_\_\_\_\_\_\_\_
15. In \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Mount Saint Helen in Washington erupted with a large explosion.
16. Nome two other stratovolcanoes in North America: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
17. Mount Fuji in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and Mount Vesuvius in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are other famous stratovolcanoes.