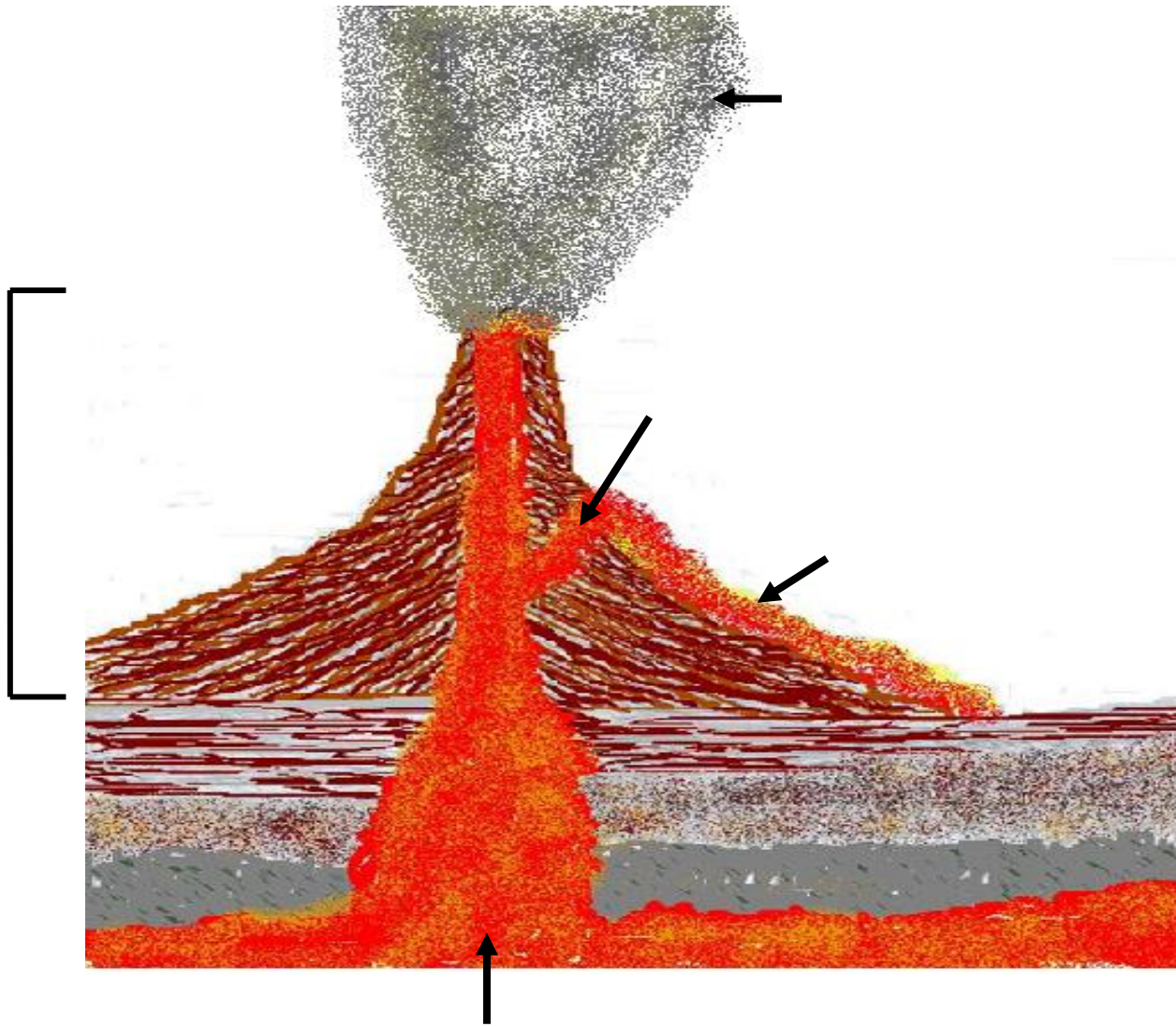
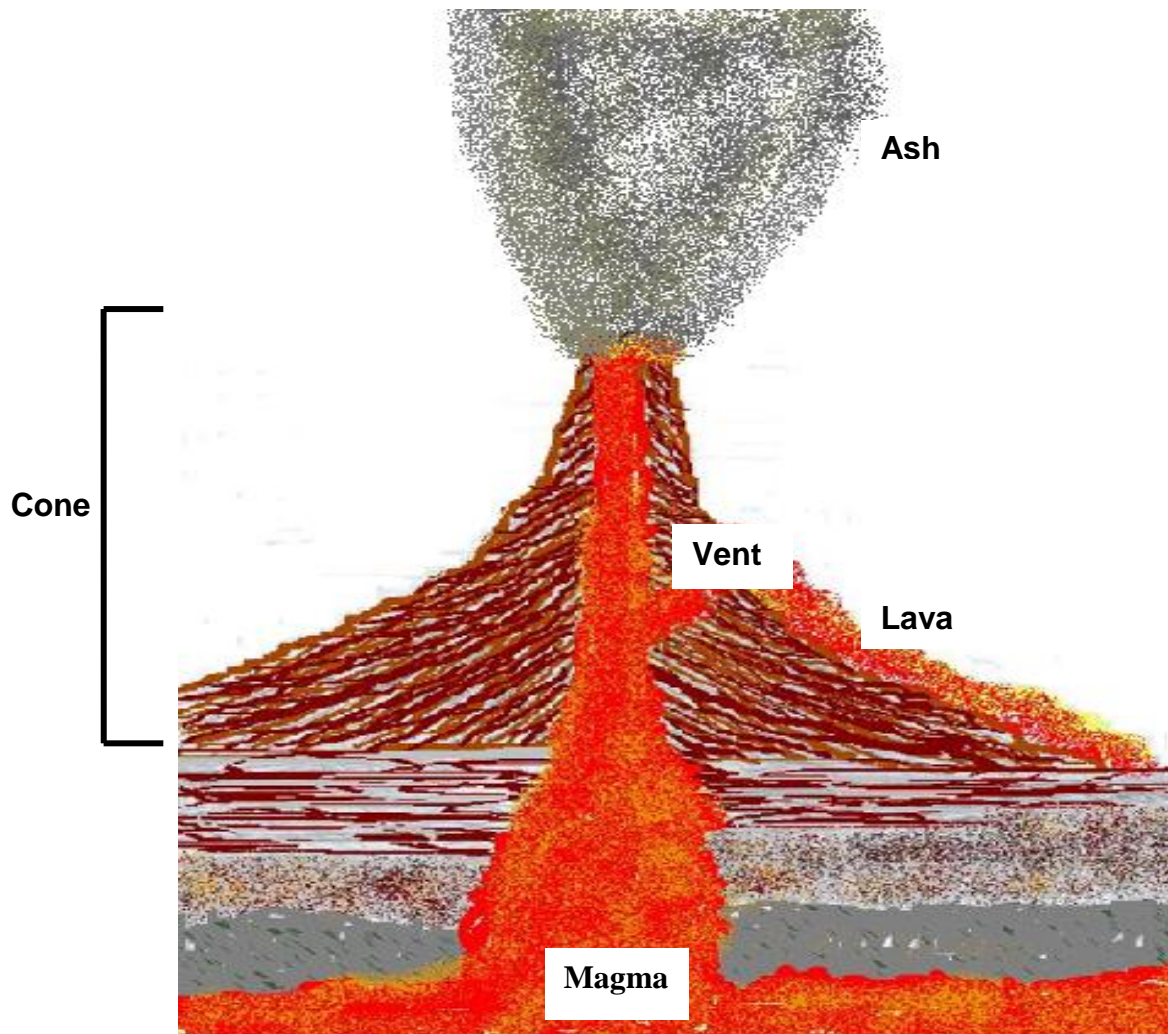


Identify the parts of a volcano.



Identify the parts of a volcano.



Kits are available to make a model volcano. They can also be made out of clay. They are usually made to “erupt” with a combination of an acid and base, often vinegar and baking soda.

You can use the volcano you made for this project, or even a small cup of baby food jar. Put 1 tsp of baking soda in the cup and add 1/8 cup of vinegar. Measure how high the “ash” projected upward and how far the “lava” flowed from the volcano. Repeat with 1/4 cup and 1/8 cup of vinegar.

Discuss the change in the cone and the landscape after eruptions.

Many documentaries on volcano eruptions are available at most libraries and contain some exciting stories of live volcanoes.

Geology 8 Information Pieces

Magma G-8
Ash G-8
Cone G-8
Lava G-8
Vent G-8

To Make Your MatchCard more durable:

- 1. Put the student MatchCard and instructor MatchCard back to back in a clear plastic page protector.*
- 2. Laminate the information pieces. Or you can make them sturdier by covering the paper with transparent tape prior to cutting the pieces out.*
- 3. For more ideas on how to use the MatchCards, and for keeping a notebook for review, see the Instructor's Guide.*