

Volcano Activity Learning Groups

For this activity you will work in a group of up to four students. Each group will create a poster showing the parts of a volcano. When you have completed all of the steps below, use the attached rubric to self-assess your group's work.

<i>Volcano Vocabulary Words</i>		
<i>Magma</i>	<i>Crater</i>	<i>Conduit</i>
<i>Vent</i>	<i>Ash</i>	<i>Lava</i>
<i>Base</i>	<i>Flank</i>	<i>Summit</i>

1. Use Encarta or the Internet to discover what each of your volcano vocabulary word means and where on a volcano they are located.
2. Using a sheet of poster board and class art supplies, draw a volcano and clearly label each part. You may also use any art materials to add interest to your poster.
3. Word process a one page report using your volcano vocabulary that explains what happens when a volcano erupts.
4. Turn in your research, poster, and report at the Science Center when you are done.

Volcano Activity Rubric

Grading Dimensions	Needs Improvement	Below Average	Average	Above Average	Excellent
Research	Little effort to research topic; Findings inaccurate	Some effort to find and use accurate data	Adequate effort made to find and use accurate data	Good effort made to research and find accurate data	Excellent research, good use of data, and source references
Accuracy	Poster and report do not properly reflect basic facts	Poster and report have some factual inaccuracies	Poster and report correctly present basic facts	Basic information accurate with additional information provided	Basic and extended facts included with complete attention to detail
Completion	Major elements of report and poster missing; lack of attention to major points	Some elements missing; lack of attention to details	Report and poster include all required elements	Required elements present with additional information	Required and extended elements present and detailed
Presentation	Poor, difficult to read poster or report, messy presentation	Somewhat difficult to read or poorly presented	Acceptable presentation on poster and report	Excellent clarity and some visual aids to assist in	Excellent workmanship on basic and extended elements