***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.**

***Volcano Vocabulary Words***

*Magma Crater Conduit
Vent Ash Lava
Base Flank Summit*

1. **Use Encarta or the Internet to discover what each of your volcano vocabulary words means and where on a volcano it is 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**

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| --- | --- | --- | --- | --- | --- |
| **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 mission; 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 aides to assist in understanding | Excellent workmanship on basic and extended elements |