

EarthComm Earth's Natural Resources: Mineral Resources and Your Community Activity 3

This investigation will help you to:

- Mineral Resources on Earth
- To complete the investigation, each student group will need:
- To learn more about the worldwide distribution of mineral resources, visit the following web site:
- The Coriolis Effect

Mineral Resources on Earth

- "Volcanic Mineral Deposits" - Volcano World
This site contains information and images pertaining to volcanic mineral deposits, including bauxite (aluminum), diamonds, gold, nickel, and more. Also includes suggestions for obtaining more information.
- "The Plus Side of Volcanoes - Mineral Resources" - USGS Cascades Volcano Observatory
Site briefly reviews the formation of metallic mineral deposits during volcanic activity.
- "Potential for New Nickel-Copper Sulfide Deposits in the Lake Superior Region" - USGS
Reviews how Ni-Cu deposits are formed, why they are important, and how scientists are evaluating the potential usefulness of the deposits in the Lake Superior Region.
- "The 1996 Estimate of Undiscovered Gold, Silver, Copper, Lead, and Zinc Remaining in the United States" - USGS
- Fast Facts about Minerals - National Mining Association
Interesting facts about minerals and mining in the United States.
- "USGS Minerals Information - Commodity and Statistic Information" - USGS
Click on the mineral commodity of interest to learn more about its use and recovery.

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To complete the investigation, each student group will need:

- **Copy of your state mineral resource map**
 - USGS State Minerals Statistics and Information

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To learn more about the worldwide distribution of mineral resources, visit the following web site:

- "It's Time to Know the Planet's Mineral Resources" - J. A. Briskey, et al., 2001, *Geotimes*
Online article reviews world mineral resources. Includes color maps.

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