



Lending Library: Yellowstone Thermal Features Kit Contents

1. Lesson Plans and Classroom Resources

- a. *Geology Rocks: 50 Hands-On Activities to Explore the Earth: Curriculum Guide* by Cindy Blobaum
- b. Lesson: Creating a Hot Springs Craft
- c. Lesson: Mentos and Diet Coke Geysers
- d. Lesson: Alka-Seltzer Geysers
- e. Lesson: Flour Powered Supervolcano
- f. Lesson: Mapping Yellowstone's Thermal Features

2. Lesson Materials

- a. "Geology for Teachers" guide
- b. Geyser Tubes for Mentos and Diet Coke geysers (10)
- c. Mentos
- d. Film canisters for Alka-Seltzer and water geysers (20)
- e. Alka-Seltzer
- f. Coffee Filters
- g. *Science of the Springs* - a guidebook to Yellowstone's astrobiology sites
- h. Plastic box device for flour powered supervolcano
- i. Yellowstone map template
- j. Hydrothermal Systems Map of Yellowstone
- k. *Eye Wonder - Volcano* by Lisa Magloff
- l. *A True Book: Yellowstone National Park* by David Peterson
- m. *A True Book: Geysers* by Larry Dane Brimner

- n. DVD: *Geysers of Yellowstone and Other Thermal Features*
- o. DVD: *Yellowstone: Land to Life* (National Parks Service)
- p. *2017 Yellowstone National Park Resources and Issues Handbook* (NPS)
- q. *Geysers of Yellowstone* by T. Scott Bryan