

# PROGRAM OVERVIEW

## Note to Parents/Guardians:

The educational approach presented here might be different from others you have encountered with your child. The focus is on individual exploration and critical thinking in a unique environment. There are no right or wrong answers. Students are allowed choices in their pursuit to answer a single central question. Every Young Scientist will visit different locations and have a different experience. Encourage your child to come to their own conclusions, rather than seek the "correct answer."

## Note to participants:

You may have heard about the Yellowstone volcano from adults, books, or even movies! But, is what everyone says true? This is your chance to gather your own evidence to answer the question of whether or not there is a giant volcano beneath Yellowstone National Park. You be the scientist!

Remember, look through the entire booklet before beginning! This will help you plan your time at the Upper Geyser Basin.

Section <small>Specific directions can be found at the beginning of each section.</small>	Page	REQUIREMENTS <small>You must complete at least the following activities to earn the Young Scientist patch.</small>	COMPLETED <small>Put a check in this box once you have completed the requirements.</small>
Application	3	All	<input type="checkbox"/>
Investigation Beginnings	4-5	All	<input type="checkbox"/>
Hydrothermal Features	6-7	Three Scavenger Hunt clues	<input type="checkbox"/>
	8-9	One "Notes from the Field"	<input type="checkbox"/>
Rocks and Minerals	10	Three Scavenger Hunt clues	<input type="checkbox"/>
	11	One "Notes from the Field"	<input type="checkbox"/>
Living Organisms	12	Three Scavenger Hunt clues	<input type="checkbox"/>
	13	One "Notes from the Field"	<input type="checkbox"/>
Conclusion	16	Five pieces of evidence to support your conclusion	<input type="checkbox"/>
Independent Investigation	16	Write a question	<input type="checkbox"/>

This self-guided program takes place in the Upper Geyser Basin. You will need approximately four hours to complete all the requirements for obtaining a Young Scientist patch.

Official title of **YOUNG SCIENTIST** awarded to:

\_\_\_\_\_ on \_\_\_\_\_ by \_\_\_\_\_  
(Name) (Date) (Ranger's signature)

You can also send your completed investigation to: Formal Education Office, P.O. Box 168, Yellowstone National Park, WY 82190

To learn more about your national parks and to become a WebRanger, visit [www.nps.gov/webangers](http://www.nps.gov/webangers). Visit [www.WindowsIntoWonderland.org](http://www.WindowsIntoWonderland.org) to take part in free e-trips to Yellowstone National Park.