

# COLOR YOUR OWN HOT SPRING



Bursting with color, the hot springs of Yellowstone National Park are a sight to see!

But what causes these bright hues? The colors in the hot springs are caused by microbes swimming in the water. Microbes are tiny one-celled organisms that can survive in very hot water. The bands of colors we see are large groups of different microbes which live in the different water temperatures found in the spring.

**DIRECTIONS:** Using the table below, match each temperature to the correct color and fill in each section of the hot spring using a crayon, marker, or paint.



TEMPERATURE	COLOR
198° F	BLUE
147° F	YELLOW
120° F	ORANGE
110° F	BROWN
95° F	GREEN