

# 1<sup>a</sup> Wheel

**Directions:**

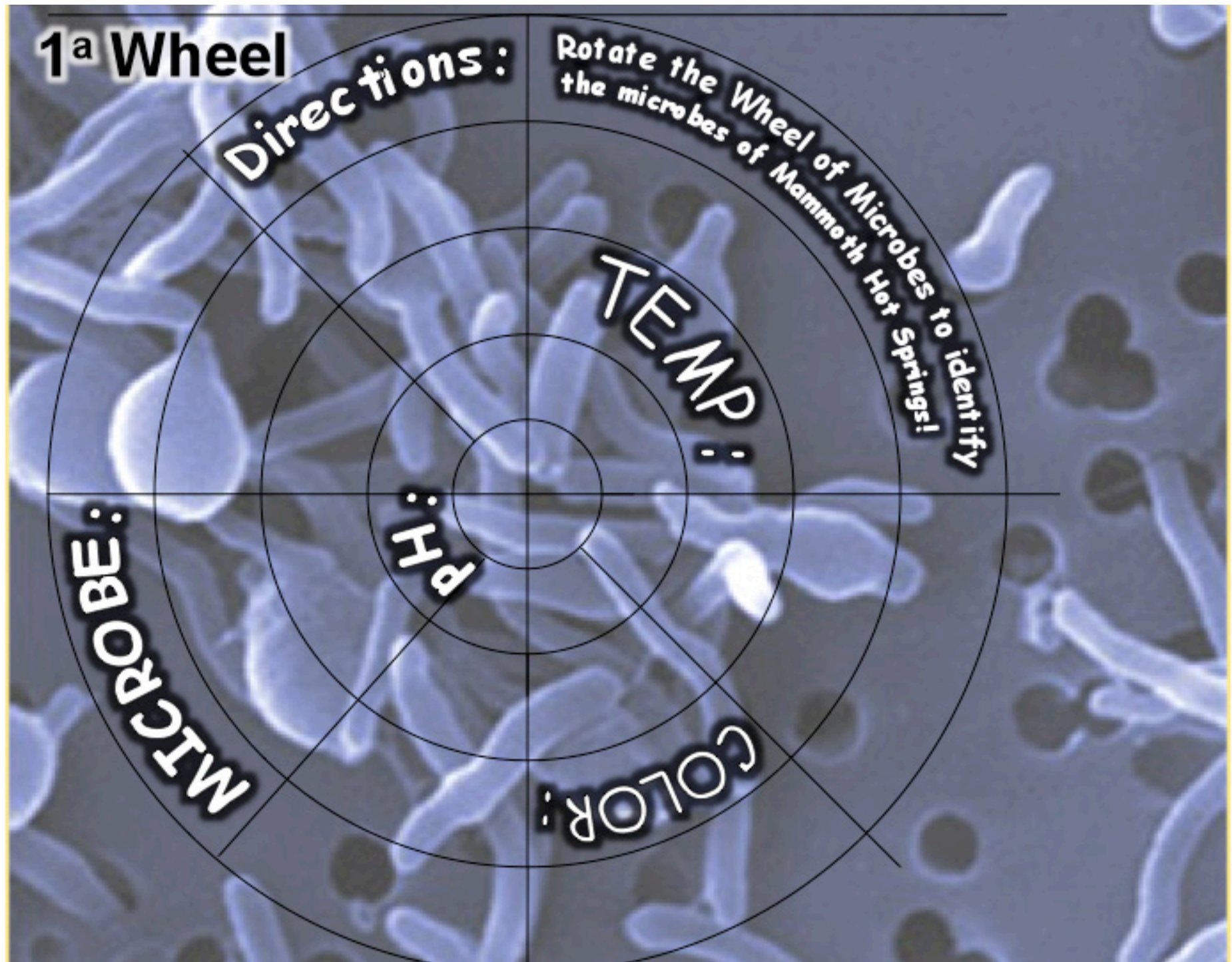
Rotate the Wheel of Microbes to identify the microbes of Mammoth Hot Springs!

**TEMP!**

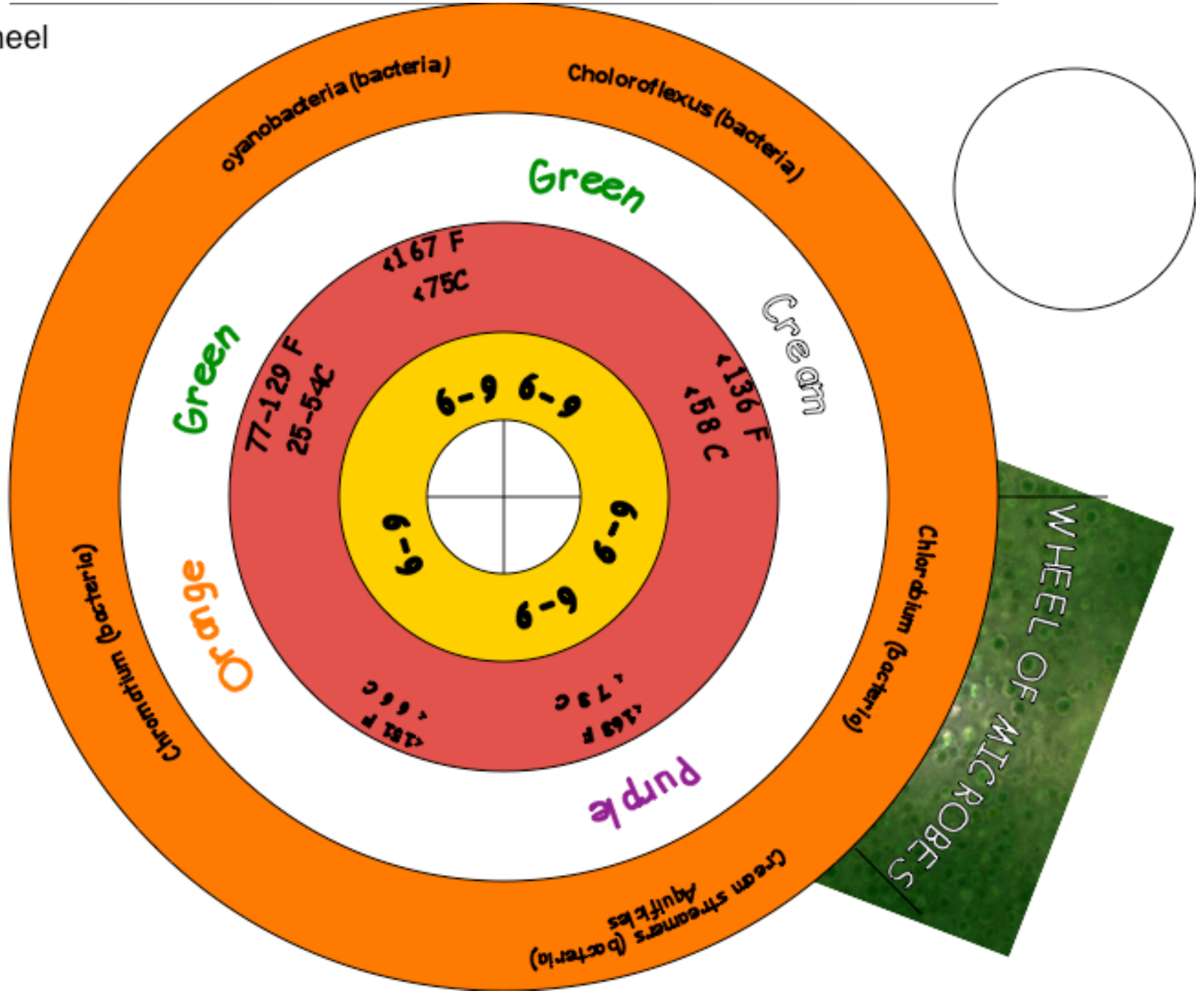
**pH:**

**COLOR:**

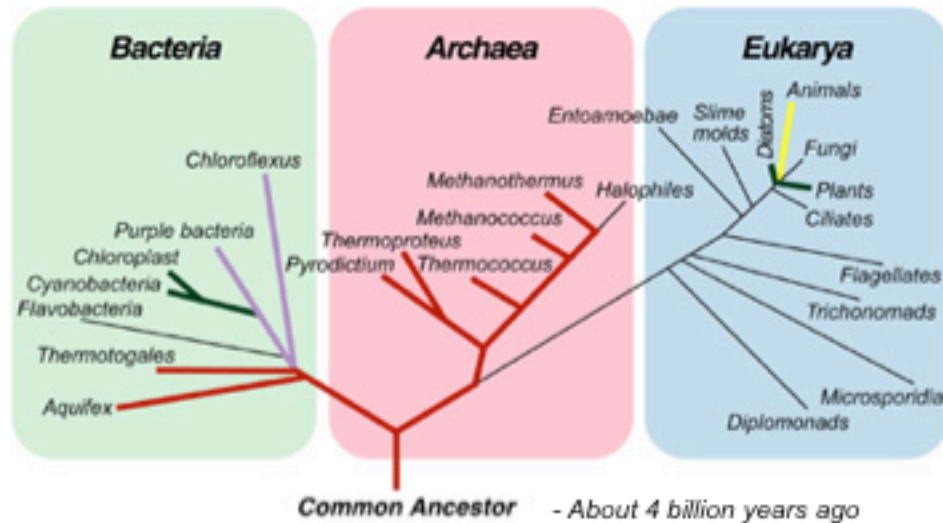
**MICROBE:**



4<sup>th</sup> Wheel



# TREE OF LIFE



## Minerals or Microbes?

The variety of colors you see in the hot spring pools may be due to the presence of minerals or microbes. How can you make a guess without using a microscope?

- Minerals tend to form around the edge of the pools, yet microbes grow out from the source of the pools and along runoff channels.
- Mineral deposits look crystalline or hard, whereas microbes look spongy, soft, or wavy.