

Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_

## EARTH SCIENCE REFERENCE TABLES SCAVENGER HUNT

QUESTION	ANSWER	Page and Table
Which has a higher specific heat- water or basalt?		
What material has the LOWEST specific heat?		
Which material will heat up the fastest- air or water?		
Why is a copper pot better for cooking than a granite pot?		
A hill increases in height 100 meters over one half of a kilometer. What is the gradient of the hill?		
Temperature goes down 17 degrees in 5 minutes. What is the rate of temperature change?		
If the mass of a substance is 10 grams and it's density is 2.7 g/mL, what is the volume of the substance?		
What is the latitude and longitude of Elmira, NY?		
What is the latitude of Slide Mountain?		
What region of NY is Slide Mountain in?		
Is the Gulf Stream a warm current or a cool current?		
Name 3 hot spots on Earth		
Human body temperature is 98.6°F. What is that temperature in Celsius?		
What is 50°C in Fahrenheit?		
Which temperature scale has NO negative numbers?		
Which layer of the atmosphere has most of the water vapor?		

As your altitude increases in the troposphere, what happens to the temperature?		
What is the relationship between altitude and temperature in the STRATOSPHERE?		
What is the temperature at the Stratopause?		
Which has a longer wavelength- red or green?		
What is the approximate wavelength of an x-ray?		
Can you see infrared waves?		
Do you name winds from where they come from or where they are going?		
If you are above 30°N latitude, what direction will a storm travel on the prevailing winds?		
What are typical weather conditions on the equator? Include precipitation...		
Which planet has the longest period of revolution?		
Which planets have a shorter period of rotation than Earth?		
Which mineral bubbles with acid?		