



ACTIVITY

Name:

Date:

ELECTROMAGNETIC SPECTRUM

MATCHING Place the letter of the definition next to the word.

..... RADIO WAVES	A. Helps you change the channels on your TV
..... MICROWAVES	B. Found in space and nuclear explosions
..... INFRARED	C. Used to see your bones
..... VISIBLE LIGHT	D. Used to pop popcorn
..... ULTRAVIOLET	E. When they move from one energy level to the next, they emit electromagnetic radiation
..... X-RAYS	F. Sometimes it behaves like a wave, sometimes like particles
..... GAMMA RAYS	G. Used to transmit radio and television signals as well as cell phone signals
..... ELECTRONS	H. Contains the colors of the rainbow
..... RADIATION	I. Occurs naturally in sunlight; most of it is blocked by the ozone layer

THINK ABOUT IT

What is the relationship between wavelength and energy in a wave?

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