

Key Concept Builder **LESSON 1****Earth's Motion**

Key Concept Why is Earth warmer at the equator and colder at the poles?

Directions: On the line before each effect, write the letter of the cause that correctly completes each sentence. Some causes might be used more than once.

Effect	Cause
_____ 1. The light energy absorbed by a surface depends on	A. the surface tilts away from it.
_____ 2. A beam of light becomes more spread out as	B. carries energy.
_____ 3. Energy is carried to Earth in	C. the beam of light reaches Earth.
_____ 4. Some energy is absorbed by Earth's surface when	D. the tilt of the surface.
_____ 5. Energy is less concentrated near	E. the beam of light is spread out more.
_____ 6. Less energy reaches the poles because	F. energy is concentrated there.
_____ 7. Earth is warmest at the equator because	G. Earth's poles.
_____ 8. Earth is coldest at the poles because	H. tilt is the greatest there.
_____ 9. Surface temperature depends on the amount of	I. energy absorbed by the surface.
_____ 10. The surface of Earth	J. a beam of sunlight.
_____ 11. Less energy is received in regions where	K. is curved.
_____ 12. A beam of light	
_____ 13. Earth is warm at the equator and cold at	