

Name: _____

IS SCREEN TIME MAKING YOU SICK? Page 8

DIRECTIONS: Fill in the blanks in the following sentences. Use the words in the word bank below.

amplitude	electromagnetic spectrum	lower	red
blue	equal	melatonin	serotonin
carcinogen	evening	morning	watt
circadian system	higher	pandemic	wavelength

- The body's _____ responds to light exposure.
- The hormone _____ helps make you sleepy.
- A _____ is a factor that can cause cancer.
- Compared with people who work during the day, people who work night shifts have _____ rates of cancer.
- Lab animals exposed to light at the wrong time of day have _____ levels of melatonin.
- A widespread health problem found in a large part of a population is a _____.
- Sunlight contains _____ light, which helps keep us alert.
- Compared with other colors of visible light, blue light has a short _____.
- Waves are arranged by wavelength on the _____.
- Exposure to bright light in the _____ helps to keep the circadian system running smoothly.

DANGER ZONE, Page 14

DIRECTIONS: Match each item in the left-hand column below with its definition or description in the right-hand column.

- | | |
|------------------------|--|
| _____ 1. sulfur | a. an indentation in a volcano that can form after an explosive eruption |
| _____ 2. Kawah Ijen | b. a type of cone-shaped volcano that forms over tens of thousands of years |
| _____ 3. stratovolcano | c. a gas vent in or near a volcano |
| _____ 4. magma | d. an element that is used to make fertilizers, rubber, and explosives |
| _____ 5. lava | e. name of molten rock beneath Earth's ground |
| _____ 6. crater | f. an active volcano in Indonesia |
| _____ 7. fumarole | g. a chemical that forms when sulfur mixes with water |
| _____ 8. sulfuric acid | h. a substance that helps foods stay fresh |
| _____ 9. condensation | i. process by which a gas turns into a liquid |
| _____ 10. preservative | j. molten rock that flows out of a volcano |

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WHAT'S ON YOUR SKIN? Page 18

DIRECTIONS: Read each statement and decide whether it is true (T) or false (F). Write your response in the space provided.

- _____ 1. You should avoid all bacteria because they make you sick.
- _____ 2. Chemicals from cosmetic products can stay on your body for three days.
- _____ 3. The same bacterium that causes acne also acts as a natural moisturizer for skin.
- _____ 4. Chemicals on your skin are not powerful enough to affect the microbes that live on you.
- _____ 5. Some types of fungi thrive in moist environments.

WILD ENCOUNTERS, Page 20

DIRECTIONS: Answer the following questions in complete sentences.

- 1. What is one reason coyotes are moving into cities? _____

- 2. How has the range of coyotes changed over the past 300 years? _____

- 3. What is a habitat generalist? _____

- 4. What is one way some coyotes' behavior changes once they live in cities? _____

- 5. How are scientists studying coyotes in urban areas? _____

