

Name: _____

Discovery Techbook: What is light?

_____ Beyond the Visible - Reading

- a. Give an example of how the following electromagnetic waves are used or found.

Gamma: _____ X-Ray: _____

Ultraviolet: _____ Light: _____

Infrared: _____ Microwaves: _____

Radio/TV: _____

_____ Waves Along the Electromagnetic Spectrum (53 seconds)

_____ How to Light Up a Room - Explore

- a. Which type of shade provides the lowest room temperature throughout the day?

_____ Lights and Revealing Objects - (3:16)

- a. What was causing Arnold's ghost?

_____ Light Travels - (2:25)

a. How fast does light travel?

b. How long does it take for the sun's light to reach the earth?

_____ Reflection and Luminosity - (3:15)

a. What is a luminous object?

b. How do we see the moon at night?

c. What type of image results from a smooth surface?

_____ Transparent/Opaque Materials - (49 seconds)

a. What is a transparent object?

b. What is an opaque object?

_____ Light: A review - (1:43)

- a. Give one new thing that you have learned about light.

_____ Light Brights - Reading

- a. Pick one fun fact to explain.

_____ Measuring the Universe (4:23)

- a. How do we measure distances in space?