

UNDERSTANDING LIGHT

Grade 6 Science

Student Name: _____ Date: _____

PART 1: VISIBLE LIGHT AND COLOR

Use this picture to explain how Martha Elizabeth sees the outside of her house as yellow.

Step 1: Light from the sun



Step 3: _____

Step 2: The house absorbs _____
and reflects _____

The video showed examples where light waves were reflected, as well as instances in which light waves were refracted.

Describe an example of light waves being reflected.

Describe an example of light waves being refracted.

PART 3: TRANSPARENT, TRANLUCENT AND OPAQUE

Different materials react differently to light waves. The following materials were shown in the video.

Label each material as being “transparent”, “translucent”, or “opaque”.

1. The oiled paper used in the Illumination: _____
2. The window in front of the tub of water: _____
3. The materials used to construct the walls in the attic: _____