Vocabulary Study Cards

Directions: To help you study, cut out the cards and use to match the correct terms.

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| Light travels\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ from the source | In a straight line |
| When light can’t go through an object and bounces back | Reflection |
| When light passes through an object | Transmit |
| Light striking an object | Absorption |
| Bending of light | Refraction |
|  | Reflection |
|  | Transmit |
|  | Absorption |
|  | Refraction |
| As light goes from one medium to another it can \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ its speed | Slow down |
| Allowing light to pass through | Transparent |
| Material that cannot be seen through | Opaque |
| Reflection that occurs when parallel rays of light hit a **s**mooth surface and all reflect at the same angle | Regular Reflection |
| Reflection that occurs when parallel rays of light hit an uneven (bumpy) surface and all reflect at different angles. | Diffuse Reflection |
| The color we see from an object is the color that is \_\_\_\_\_\_\_\_\_\_\_\_\_ from the object. | Reflected |
| The color white \_\_\_\_\_\_\_\_\_\_\_\_ all colors. | Reflects |
| The color black \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ all colors. | Absorbs |
| When light travels from one medium to another medium it\_\_\_\_\_\_\_\_\_\_\_\_\_ | Refraction |
| Brightness of color is affected by how might light it\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Emits or reflects |
| All objects \_\_\_\_\_\_\_\_\_\_\_\_\_\_ light. It depends on the material to determine how much. | Reflects |