

Grade 6 Light Test OUTLINE

Part A) Matching

Transparent- _____

Translucent- _____

Opaque- _____

Light- _____

Wavelength – _____

Intensity - _____

Watt - _____

Luminous- _____

Non-luminous - _____

Reflection- _____

Refraction- _____

Nuclear Fusion - _____

Know the difference between the longest and the shortest wavelength (Names and energy level)

Longest waves are _____, and they have the _____ energy.

Shortest wavelength are _____ and are the _____ energy.

Know about how many waves appear when you have long wavelengths compared to short wavelengths

If a wavelength is long, then you experience _____ waves.

If a wavelength is short or closer together, you will experience _____ waves.

Know how the sun produces its energy - _____

Be able to tell examples of natural light sources - _____ & _____.

Be able to tell examples of artificial light sources - _____

Be able to draw a picture to represent how a shadow is formed and explain how a shadow are formed.

How does the light source being close to the object, effect the shadow?