***Notes- Electromagnetic Spectrum***

Light

Video Questions:

Separating the Colors of White Light

Video Questions:

* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of electromagnetic radiation \_\_\_\_\_\_\_\_\_\_\_\_\_ to the human eye.
  + \_\_\_\_\_\_\_\_\_\_ light is composed of a number of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_wavelengths. Each wavelength is visible as a different \_\_\_\_\_\_\_\_\_\_.

1. What makes up white light?
2. How do we see individual colors?
3. What happens to unabsorbed light?

When white light travels through a \_\_\_\_\_\_\_\_\_\_, the different wavelengths travel through it at different \_\_\_\_\_\_\_\_\_\_\_\_\_ causing them to separate and become \_\_\_\_\_\_\_\_\_\_\_\_\_ as different colors.

What behavior of light causes light to BEND as it travels through a prism?

What causes rainbows in the sky?

Why is the sky blue?

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|  |  |
| Horizon O |  |
| Horizon A |  |
| Horizon B |  |
| Horizon C |  |
| Horizon R (Bedrock) |  |