

SCIENCE

Mar. 15, 2018

Day 3/119



At the end of today's lesson you will;

Practice Active Reading as they learn that materials can absorb, transmit, and reflect some types of light and not others. Also, to learn and apply the idea that when light is transmitted or reflected, the energy travels with it.

Classwork-

- **Light Waves 3.2/3.3**
- Students read "What Eyes Can See," an article about how types of light interact with materials and how this affects what humans see, as they continue to answer the Investigation Question: What can happen to light as it travels? Students then read and annotate the article independently, and then reflect on their annotations in partner and whole-class discussions.
- In Addition, Students have established that energy from light can change a material when it is absorbed. Students will consider what happens to energy when light is transmitted or reflected, answering the Investigation Question: What happens to energy when light is transmitted through or reflected off a material? Students begin by predicting whether reflected light can cause a change to aluminum foil in the Warm-Up.

Homework-

- Be sure that all of the following activities for today are completed; 3.2.1, 3.2.2, 3.2.3, 3.3.3, 3.3.1, 3.3.2, 3.2.4, and 3.3.4.
- Study the Light Waves Vocabulary on Quizlet. **Vocabulary Quiz Tomorrow!**