

LIGHT WAVES

NEXT GENERATION SCIENCE STANDARDS

Feb. 25, 2019

Day 4/108



At the end of today's lesson you will;

- *How does light interact with materials?*

Classwork-

- **Light Waves 1.3**
- *In this lesson, students use the Light Waves Simulation to investigate what is happening when light causes a material to change by comparing one material that is changed by light from the sun to one that is not.*
- *Students observe that when light from the sun causes a material to change, energy is absorbed.*
- *Next, students turn their attention to the Chapter 1 Question: How does light from the sun cause skin cancer?*
- *Students use the Simulation again to observe that genetic material absorbs energy from light from the sun, and this energy can cause damage.*

Homework-

- *Complete all of the Light Waves 1.3 Sections from today's lesson.*
- *Study the new Vocabulary terms found in the Light Waves unit on QUIZLET.*