

SCIENCE

Feb. 27, 2018

Day 1/109



At the end of today's lesson you will;

Become familiar with the role they will take on in this unit, to give students a chance to express their initial ideas, and to build their understanding that light carries energy.

Classwork-

- **Light Waves 1.2**
- Students begin the unit with an introduction to their new role as student spectroscopists tasked with answering the question, Why is the skin cancer rate in Australia so high? Via a short documentary video, students meet a real spectroscopist and learn about what she does.
- Students read a message from the fictional Australian Health Alliance introducing the problem and informing them that they will first investigate why light from the sun causes skin cancer.
- Students then conduct a hands-on investigation to observe that light can cause materials to heat up, change color, and move.

Homework-

- Complete the 1.2.4 Homework.
- Study the Light Waves Vocabulary on Quizlet.
- Force and Motion Test re-takes during Academic Clinic Tuesday and Thursday mornings this week.