

Summer Science Assignment 2
Make a Science Video!

The objective of this project is to create a video no more than 5-minutes long in which you explain one of the following science topics:

Science Topics

1. Describe how electrical circuits can be used to produce light, heat, sound, and magnetic fields.
2. Compare different pitches of sound produced by changing the size, tension, amount or type of vibrating material.
3. Show how light interacts with transparent, translucent, and opaque materials.
4. Describe the effects of friction on moving objects.
5. Describe the interdependence of plants and animals.
6. Classify animals as vertebrates or invertebrates and as endotherms or ectotherms.
7. Describe geological features of Earth, including bodies of water, beaches, ocean ridges, continental shelves, plateaus, faults, canyons, sand dunes, and ice caps.
8. Identify technological advances and other benefits of space exploration.
9. Describe the appearance and movement of Earth and its moon.
10. Describe components of our solar system.

The video MUST:

- Demonstrate your understanding of the scientific concept and should show your comfort with science in general
- Be creative!
- Persuade the viewer that science is exciting!

The video does not need to be “produced” or be a high quality production. You may record it using a cell phone or digital camera if you do not have access to a camcorder.

Your video will be evaluated on:

- Creativity (20%)
- Content address topic (30%)
- Persuasiveness (10%)
- Classroom suitability (10%)
- Overall Presentation (30%)