

# Light and Sound Test Review

On Wednesday May 5<sup>th</sup> we will be writing our end of unit test on Light and Sound. The test will consist of a true and false section, some listing questions, and a few written sentence questions. Where necessary, assistance will be provided in writing answers. All questions will be based on the activities we have done in class.

The true and false section will test the following:

- Light is a form of energy we can see. {lesson 2}
- The properties of light. {lesson 2}
- Sound is vibrations our ears can hear. {lesson 3}
- The properties of sound. {lesson 3}
- Observations from our in-class experiments. {in-class}

Here are the remaining questions on the test:

- For each of the statements circle light, sound or both. (on the test there will be a series of statements, all dealing with properties of light or sound) {lessons 2 & 3}
- Label the following as “light sources” or “reflected light.” (you will be given 4 pictures on the test) {lesson 3}
- Make a list of three natural light sources and three artificial light sources. {lesson 14}
- Make a list of three hot light sources and three cool light sources. {lesson 14}
- What does a prism do to light? {lesson 18}
- Why might you recommend to someone that they switch to LED Christmas lights? (Be sure to discuss our experiment, not just prior knowledge.) {lesson 17}
- What is the difference between “pitch” and “loudness?” {lesson 19}
- Describe how the human ear works. {lesson 12}
- Make a list of things that use light or sound to work. (Not things that produce light or sound.) {lessons 19 & 20}
- Choose one human invention that uses light or sound to keep us safe. Explain how light or sound is used in this invention, and how it works to keep us safe. {lesson 22}

All of the worksheets used in class are on Mr. Collinson’s webpage, and each worksheet has answers provided (use lesson reference numbers above). Please review your information before the test day. Good luck.