

# QUARTER 3 PROJECTS

In this quarter we will be learning about a wide range of topics dealing with energy and its transmission. In order to help you grasp these concepts you will be creating a media presentation on following concepts:

Work

Transverse vs. Longitudinal Waves

Power

Harmonics

Gravitational Potential Energy

Destructive and Constructive interference

Elastic Potential Energy

Diffraction

Kinetic Energy

Doppler Effect

Conservation of Energy

Resonance

Wavelength

Electromagnetic Spectrum

Frequency

Reflection

Period

Refraction (Snells Law)

Amplitude

Due Date \_\_\_\_\_