

# CIBL Student Activity Packs

## Middle School - N.C.S.S

### 6th Grade



#### Energy & Waves

- PS.6.3 Understand the properties of waves and the wavelike property of energy in seismic, electromagnetic (including visible light), and sound waves.

#### Solar System

- ESS.6.1 Understand the earth/moon/sun system, and the properties, structures and predictable motions of celestial bodies in the Universe.

#### Earth Science

- ESS.6.2 Understand the lithosphere and how interactions of constructive and destructive forces have resulted in changes in the surface of the earth over time.

### Genetics & Cells

- LS.7.1 Understand the processes, structures and functions of living organisms that enable them to survive, reproduce and carry out the basic functions of life.
- LS.7.2 Understand the relationship of the mechanisms of reproduction, patterns of inheritance, and potential variation among offspring.

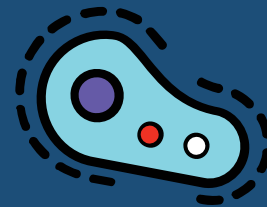
### Energy & Motion

- PS.7.1 Understand motion, the effects of forces on motion, and the graphical representations of motion.
- PS.7.2 Understand forms of energy, energy transfer and transformation, and conservation in mechanical systems.

### Atmosphere

- ESS.7.1 Understand the atmosphere and how the cycling of water relates to Earth's weather and climate.

### 7th Grade



### 8th Grade



#### Chemistry

- PS.8.1 Understand the properties of matter and changes that occur when matter interacts in open and closed systems.

#### Life Science

- LS.8.1 Understand the hazards caused by agents of diseases that affect living organisms.
- LS.8.2 Understand how organisms interact with and respond to the biotic and abiotic factors in their environment.

#### Hydrology

- ESS.8.2 Understand the hydrosphere including freshwater, estuarine, ocean systems.

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