

# Instructional Vocabulary

## Grade 5 Science

### Unit 1: Science Safety and Notebooking

- **Procedures** – a set of specific steps that must be completed to reproduce the same result under the same conditions
- **Safety equipment** – equipment, such as goggles and aprons, used for protection in an experiment

### Unit 2: Physical Properties of Matter

- **Matter** – substance that has mass and takes up space
- **Properties** – characteristics used to identify matter
- **Solution** – a type of mixture in which the particles of one or more substances are uniformly dissolved throughout another substance
- **Relative density** – floating or sinking when compared to water

### Unit 3: Forces

- **Force** – a push or a pull resulting from the interaction between two objects. The objects may be touching or may be at a distance (in the case of gravity).

### Unit 4: Light and Electrical Energy

- **Energy** – anything that has the potential to create change and do work

### Unit 5: Energy Resources

- **Alternative energy** – energy from sources that are renewable

### Unit 6: Earth's Changes

- **Weathering** – process by which exposed rock is broken down by rain, frost, wind, or other elements of weather
- **Erosion** – transportation of weathered material by wind, water, or glaciers
- **Extinction** – death of an entire species

### Unit 7: Sun, Earth, and Moon Systems

- **Axial tilt** – the line around which the Earth rotates that is not perpendicular to its orbit

### Unit 8: Patterns in the Natural World

- **Weather** – the daily atmospheric conditions of an area
- **Climate** – an average of atmospheric conditions over many years

### Unit 9: Ecosystem Interactions

- **Ecosystem** – a unit consisting of living organisms and the environment that they live in

### Unit 10: Life Cycles

- **Metamorphosis** – an obvious change in form from one stage to the next in the life cycle of an organism.

### Unit 11: Inherited Traits and Learned Behaviors

- **Traits** – characteristics or attributes of an organism that are inherited and/or influenced by the environment
- **Behaviors** – the actions or reactions of an organism in response to external or internal stimuli

### Unit 12: Experimental Design

- **Hypothesis** – an idea that can be tested by experiment or observation