

Instructional Vocabulary

Grade 1 Science

Unit 1: Investigating Properties and Patterns in Weather

- **Clouds** – a mass of water droplets or ice crystals that have clumped together (condensed) in the atmosphere
- **Weather** – the condition of the atmosphere at a place for a short period of time, including humidity, cloud cover, temperature, wind, and precipitation

Unit 2: Investigating Properties and Patterns

- **Unit** – an accepted quantity used as a standard of measurement, such as the meter, liter, and gram
- **Heating** – the process of becoming warmer; a rising temperature
- **Cooling** – the process of becoming cooler; a falling temperature

Unit 3: Investigating Force, Motion, and Energy

- **Force** – a push or a pull; the four main forces are gravity, buoyant force, magnetic force, and friction
- **Magnetism** – a force that pulls a magnetic material across a distance
- **Motion** – a change in the position of an object
- **Pull** – the act of applying force to move something toward or with you
- **Push** – the act of applying force in order to move something away

Unit 4: Investigating the Natural World: Rocks, Soil, and Water

- **Soil** – a mixture made of tiny pieces of rock, mineral particles, decayed plant and animal matter, water, and air that forms at the Earth's surface
- **Natural source (of water)** – naturally occurring, non-manmade source
- **Useful** – having a practical or beneficial use

Unit 5: Investigating Natural Resources Through Conservation

- **Conserve** – to use less of
- **Reuse** – the act of salvaging (or in some manner returning) a discarded item into something usable

Unit 6: Investigating Weather and Seasons

- **Cloud** – a mass of water droplets or ice crystals that have clumped together (condensed) in the atmosphere
- **Weather** – the condition of the atmosphere at a place for a short period of time, including humidity, cloud cover, temperature, wind, and precipitation
- **Autumn (fall)** – the transition from summer into winter
- **Spring** – the season of the year occurring between winter and summer, during which the weather becomes warmer and plants revive; extending in the Northern Hemisphere from the vernal equinox to the summer solstice and popularly considered to comprise March, April, and May

- **Summer** – in the Northern Hemisphere; summer is astronomically defined as beginning around June 20 and ending around September 22; in the Southern Hemisphere, summer begins around December 21 and ends around March 21
- **Winter** – the period between the winter solstice and the vernal equinox; characterized as having the coldest temperatures of the year

Unit 7: Investigating Objects in the Sky

- **Moon** – a natural object that orbits a planet; Earth's Moon is the only natural satellite and Earth's nearest neighbor in space
- **Star** – an object in space made up of gas and giving off light and heat from nuclear reactions

Unit 8: Investigating Living and Nonliving

- **Basic need** – required for an organism to survive; air, water, nutrients, light, food, shelter (for animals), etc.
- **Characteristic** – a feature that helps to identify, tell apart, or describe; a distinguishing mark or trait; a physical attribute
- **Living organism** – a living thing
- **Nonliving object** – inanimate, not endowed with life; things that are not alive or abiotic substances, such as soil, rocks, or water

Unit 9: Investigating Plants

- **Terrarium** – an enclosure where plants and animals can grow and be displayed, in a naturalistic setting
- **Interdependence** – the idea that everything in nature is connected to everything else, including the living and nonliving parts of ecosystems; anything that happens to one plant or animal may also affect other plants and animals
- **System** – a group of independent but interrelated elements, comprising a unified whole

Unit 10: Investigating Organisms and Environments

- **Depend** – relying entirely on someone or something
- **Food chain** – representation of the passage of energy (food) from producers to the organisms that feed on them
- **Life cycle** – the stage or successive stages in the growth and development of an organism that occur between the appearance and reappearance of the same stage, such as the egg or seed of the organism
- **Resemble** – to look like