

CARTERVILLE SCHOOL DISTRICT
SCIENCE SKILLS
GRADE – KINDERGARTEN
Revised 2009

FIRST NINE WEEKS - Life Science

1. Identify what plants and animals need to survive.
2. Distinguish between living and non-living things.
3. Explore how people, animals and plants grow and change.
4. Learn about and compare different habitats for plants and animals.

SECOND NINE WEEKS – Earth Science

1. Introduce the Earth's various landforms.
2. Compare, observe and communicate the physical differences between the seasons.
3. Learn about different types of storms and their characteristics.
4. Describe the differences between different types of storms.
5. Practice safety skills related to weather emergencies.
6. Correctly observe and record monthly weather patterns.
7. Investigate the use of thermometers and how they relate to the weather.
8. Make inferences about how and why thermometers and temperatures change.
9. Predict weather and temperature changes in the day, weeks and months.

THIRD NINE WEEKS – Physical Science

1. Introduce the characteristics between solids, liquids and gases.
2. Explore how solids, liquids and gases can be changed.
3. Recognize the effects of the Sun on the Earth.
4. Make inferences about what can be warmed by the sun (windows, sidewalks, water, etc.)
5. Discuss various things that give off or provide heat.
6. Describe how we use heat.
7. Introduce and model new vocabulary terms (friction, energy, etc.)
8. Demonstrate, explore and classify the ways and speeds that objects can move.

FOURTH NINE WEEKS – Space and Technology

1. Create a web or graphic organizer to visualize and organize ideas about day and night.
2. Introduce the phases of the moon.
3. Use previous knowledge to describe how machines help people.
4. Observe and explore how pulleys and levers work.
5. Explore simple machines and communicate how and why we use them.
6. Introduce inventors as a career and define how their inventions can make tasks easier for others.