

CARTERVILLE SCHOOL DISTRICT
SCIENCE CURRICULUM
GRADE 3
Revised 2009

FIRST NINE WEEKS

- 1. Explores the structure of eggs by using observation, inferences, and communication.
- 2. Draws and labels the parts of an egg.
- 3. Discovers how animals grow from eggs.
- 4. Categorizes living organisms using a variety of observable features, such as, how animals' babies look like their parents.
- 5. Learns and describes the life cycle of a chick and a spider as well as various insects.
- 6. Learns about the life cycles of fishes and frogs.
- 7. Learns about the life cycle of mammals.
- 8. Categorizes features as either inherited or learned.
- 9. Identifies features of plants and animals that help them live in different environments.
- 10. Describes and compares characteristics of living things according to their habitats.
- 11. Understands adaptations and how they help organisms meet their needs.
- 12. Learns the difference between producers and consumers.
- 13. Describes the parts of a food chain.
- 14. Constructs a simple food chain or web.

- 15. Identifies safety precautions for the following: food safety, first aid, identifying hazards in the home, and being home alone.
- 16. Identifies and practices procedures involved in emergency/disaster situations.
- 17. Explores how foods are classified in the Food Guide Pyramid and learns about food choices.
- 18. Promotes self-esteem.

THIRD NINE WEEKS

- 19. Explores the relative sizes of Earth and the sun and their distance from each other.
- 20. Identifies characteristics of the sun.
- 21. Identifies the characteristics of the planets and the position of each planet in our solar system.
- 22. Researches a planet and prepares a project to report findings.
- 23. Observes shadows caused by sunlight.
- 24. Learns about the rotation of the Earth.
- 25. Discovers the causes of seasons.
- 26. Identifies features of the moon.
- 27. Observes and records moon phases.
- 28. Determines how scientists view objects from space and learns about the instruments they use.
- 29. Describes the contributions that Galileo made to science.
- 30. Learns how volcanoes and earthquakes change the earth's surface.
- 31. Explores how scientists study volcanoes and earthquakes.

- 32. Recognizes and describes types of landforms.
- 33. Constructs a model of a landform using clay, dough, or found objects.
- 34. Discovers how weathering and erosion changes the earth's surface.
- 35. Learns how plants, animals, and people can change the earth and its surface.
- 36. Demonstrates ways people can change the earth's surface by participating in Earth Day activities.
- 37. Describes and identifies ways to recycle or reuse resources.
- 38. Participates in a field trip during Stewardship Week at the Forest Resource Center in Dixon Springs.