



Westgate Community School

4th Grade Science Overview 2017-2018

In this document, you will find an overview of all the units that will be covered in 4th grade science. All the units and their content has been taken from the Colorado model content standards for 4th grade science. First, you will find a general time line for the units for the year. You will then find a brief bulleted description of the unit. If you have any questions regarding the outlined curriculum, please contact Ellyse Colson at Ellyse.colson@westgateschool.org.

Science Year-long Outlook:

Quarter 1	Quarter 2	Quarter 3	Quarter 4
Unit: Scientific Method Unit: Solar System	Unit: Energy	Unit: Ecosystems Unit: Fossils	Unit: Scientific Method- Science Fair

Unit: Scientific Method

- Scientific explanations
- Analyze and interpret data
- Gathering data
- Using evidence

Unit: Solar Systems

- patterns of movement of objects
- sunrise and sunset
- moon phases
- components of the solar system
- develop a scientific explanation for relationships in the solar system

Unit: Energy

- Different types of energy- light, heat, sound, magnetic, chemical, electrical
- Electric circuits
- Identify and describe different energy sources
- Changes in energy- from one form to another
- Research information about renewable and non-renewable energy

Unit: Ecosystems



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- Classifying living things according to their similar and different characteristics
- Ecosystems- interdependence of living and nonliving things in the ecosystem
- Evaluate non-living components in an ecosystem
- Habitats- compare different types of habitats
- Investigate endangered habitats
- Develop a scientific explanation for what plants and animals need to survive
- Make a plan to positively impact the local ecosystem

Unit: Fossils

- Types of fossils
- What fossils tell us about prehistoric environments
- Evaluate explanations used to draw conclusions about fossils
- Create a computer simulation to model past environments, using evidence from fossils