



## Westgate Community School

### 5<sup>th</sup> Grade Science Overview 2017-2018

In this document, you will find an overview of all the units that will be covered in 5<sup>th</sup> grade science. All the units and their content has been taken from the Colorado model content standards for 5<sup>th</sup> 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](mailto:Ellyse.colson@westgateschool.org).

#### Science Year-long Outlook:

Quarter 1	Quarter 2	Quarter 3	Quarter 4
Unit: Scientific Method  Unit: Matter	Unit: Weather	Unit: Human Body Systems	Unit: Structure and Functions  Unit: Natural Resources  Unit: Changing Earth

#### Unit: Scientific Method

- Review and analyze information from peers
- Feedback on evidence and scientific reasoning
- Analyze and interpret data

#### Unit: Matter

- Mixtures
- Weight and mass of mixtures and their parts
- Physical properties

#### Unit: Weather

- Identify weather tools and their uses
- Communicate an evidence-based scientific explanation for changes in weather conditions



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- Gather data on temperature, air pressure, wind, and humidity
- Interpret gathered data
- Describe weather conditions based on data

### Unit: Human Body Systems

- Identify main human body systems and their functions
- Develop an evidence-based explanation regarding human basic survival needs
- Generate evidence that humans are interdependent
- Create models of human body systems and organs
- Compare human systems to another organism's systems

### Unit: Structure and Functions

- Identify structures of living things and their functions
- Survival structures for plants and animals
- Create and evaluate models of plant and/or animal systems

### Unit: Natural Resources

- Identify natural resources created by the Earth or sun
- Identify renewable and non-renewable resources
- Identify resources and their use in the local area
- Communicate a scientific explanation addressing a question of local relevance

### Unit: Changing Earth

- Understand plate tectonics, erosion, deposition, solar influences, climate, and human activity
- Interpret data identifying ways Earth's surface is changing through different processes (mentioned above)
- Develop and communicate an explanation around one or more factors that change Earth's surface