## Grade 6 Science Unit Standards

**Unit 1: Composition of the Earth**
- The following standards will be taught, assessed and documented in this unit.
- MS-ESS3-1

**Unit 2: Earth: Past and Present**
- The following standards will be taught, assessed and documented in this unit.
- MS-ESS3-1
- MS-ESS2-1
- MS-ESS2-2
- MS-ESS2-3
- MS-ESS2-4

**Unit 3: Earth’s Forces**
- The following standards will be taught, assessed and documented in this unit.
- MS-ESS2-1
- MS-ESS2-2
- MS-ESS2-3
- MS-ESS2-4

**Unit 4: Weathering, Deposition, and Erosion**
- The following standards will be taught, assessed and documented in this unit.
- MS-ESS1-4
- MS-ESS2-1
- MS-ESS2-2
- MS-ESS2-4

**Unit 5: Atmospheric Changes**
- The following standards will be taught, assessed and documented in this unit.
- MS-ESS2-5
- MS-ESS2-6
- MS-ESS5-2

**Unit 6: Our Solar System Within the Universe**
- The following standards will be taught, assessed and documented in this unit.
- MS-ESS1-1
- MS-ESS1-2
- MS-ESS1-3

### All Units
Teachers should integrate the Common Core’s ELA Reading Informational Texts standards into their units.
- RI.6.1 – RI.6.10
GRADE 7 SCIENCE
UNIT STANDARDS

UNIT 1: ECOLOGY: ROLE OF BIODIVERSITY IN AN ECOSYSTEM

- The following standards will be taught, assessed and documented in this unit.
  - MS-LS2-4
  - MS-LS2-5

UNIT 2: ECOLOGY: INTERACTIONS OF LIFE AND THE ENVIRONMENT

- The following standards will be taught, assessed and documented in this unit.
  - MS-LS2-1
  - MS-LS2-2
  - MS-LS2-3

UNIT 3: CELL STRUCTURE AND FUNCTION

- The following standards will be taught, assessed and documented in this unit.
  - MS-LS1-1
  - MS-LS1-2
  - MS-LS1-3

UNIT 4: MENDELIAN GENETICS

- The following standards will be taught, assessed and documented in this unit.
  - MS-LS5-2

UNIT 5: VARIATION AND ADAPTATION

- The following standards will be taught, assessed and documented in this unit.
  - MS-LS5-1
  - MS-LS4-1
  - MS-LS4-2
  - MS-LS4-3
  - MS-LS4-4
  - MS-LS4-5
  - MS-LS4-6

UNIT 6: LIFE PROCESSES

- The following standards will be taught, assessed and documented in this unit.
  - MS-LS1-6
  - MS-LS1-7

UNIT 7: STRUCTURE AND FUNCTION OF HUMAN BODY SYSTEMS

- The following standards will be taught, assessed and documented in this unit.
  - MS-LS1-8

ALL UNITS

- Teachers should integrate the Common Core's ELA Reading Informational Texts standards into their units.
  - RI.7.1 – RI.7.10
GRADE 8 SCIENCE
UNIT STANDARDS

UNIT 1  MATTER: MEASURE, OBSERVE, ANALYZE
The following standards will be taught, assessed and documented in this unit.
N/A

UNIT 2  CHEMICAL PROPERTIES
The following standards will be taught, assessed and documented in this unit.
MS-PS1-1
MS-PS1-3

UNIT 3  CHEMICAL AND PHYSICAL CHANGES
The following standards will be taught, assessed and documented in this unit.
MS-PS1-2
MS-PS1-4
MS-PS1-5

UNIT 4  CHARACTERISTICS OF WAVES
The following standards will be taught, assessed and documented in this unit.
MS-PS4-1
MS-PS4-2
MS-PS4-3

UNIT 5  MAGNETISM AND ELECTRICITY
The following standards will be taught, assessed and documented in this unit.
MS-PS2-3
MS-PS2-5

UNIT 6  ONE DIMENSIONAL MOTION
The following standards will be taught, assessed and documented in this unit.
MS-PS2-2
MS-PS2-4
MS-PS3-1
MS-PS3-2

UNIT 7  FORCE AND MOTION
The following standards will be taught, assessed and documented in this unit.
MS-PS2-2
MS-PS2-4
MS-PS3-1
MS-PS3-2

UNIT 8  RELATIONSHIP BETWEEN WORK AND MACHINES
The following standards will be taught, assessed and documented in this unit.
MS-PS2-2
MS-PS2-4
MS-PS3-1
MS-PS3-2

ALL UNITS
Teachers should integrate the Common Core's ELA Reading Informational Texts standards into their units.
RI.8.1 - RI.8.10