



Science Grade 3 Priority Standards

1st Quarter
ETS – Engineering Technology and Application of Science
→ 3.ETS1.A.1-design products to solve a need or want/identify materials, time, and costs of a designed product → 3.ETS1.B.1- determine multiple solutions to a problem and compare the success of those solutions → 3.ETS1.C.1
2nd Quarter
PS – Physical Science
→ 3.PS1.A.1- Matter-predict a change in water/investigate change in water (states of matter) → 3.PS1.B.1- Matter-predict changes caused by heating or cooling can be reversed and some not reversed → 3.PS2.B.1- Motion- cause and effect relationship of electric or magnetic interactions between two objects not in contact with each other.
3rd Quarter
LS – Life Science
→ 3.LS1.B.1- Compare/contrast life cycles of plants and animals → 3.LS3.A.1- traits/inheritance (characteristics inherited by parents)

- 3.LS3.B1- compare/contrast differences in characteristics of the same species
- 3.LS3.C1- Missouri's ecosystems- how does a particular ecosystem impact organisms
- 3.LS3.D.1- Make a claim about the merit of a solution to a problem caused when the environment changes and the types of plants and animals that live there may change.

4th Quarter

ESS – Earth and Space Science

- 3.ESS2.D.1-weather conditions
- 3.ESS2.D.2-climate in different regions of the world
- 3.ESS3.B.1-design solutions that reduce the impacts of weather related hazards