

3501.0910 GRADE 2 STANDARDS.**Subpart 1. The nature of science and engineering.**

A. The practice of science. The student will understand that scientific inquiry is a set of interrelated processes incorporating multiple approaches that are used to pose questions about the natural world and investigate phenomena.

B. The practice of engineering. The student will understand that engineering design is the process of identifying a problem and devising a product or process to solve the problem.

Subp. 2. Physical science.

A. Matter. The student will understand that objects can be described in terms of the materials they are made of and their physical properties.

B. Matter. The student will understand that the physical properties of materials can be changed, but not all materials respond the same way to what is done to them.

C. Motion. The student will understand that the motion of an object can be described by a change in its position over time.

D. Motion. The student will understand that the motion of an object can be changed by push or pull forces.

Subp. 3. Earth and space science; interdependence within the earth system. The student will understand that weather can be described in measurable quantities and changes from day to day and with the seasons.

Subp. 4. Life science.

A. Structure and function in living systems. The student will understand that living things are diverse with many different observable characteristics.

B. Interdependence among living systems. The student will understand that natural systems have many components that interact to maintain the system.

C. Evolution in living systems. The student will understand that plants and animals undergo a series of orderly changes during their life cycles.

Statutory Authority: *MS s 120B.02*

History: *34 SR 1609*

Published Electronically: *October 3, 2013*