3501.0915 GRADE 3 STANDARDS.

Subpart 1. **The nature of science and engineering.**

A. The practice of science. The student will understand that scientists work as individuals and in groups, emphasizing evidence, open communication, and skepticism.

B. 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.

C. Interactions among science, technology, engineering, mathematics, and society. The student will understand that men and women throughout the history of all cultures, including Minnesota American Indian tribes and communities, have been involved in engineering design and scientific inquiry.

D. Interactions among science, technology, engineering, mathematics, and society. The student will understand that tools and mathematics help scientists and engineers see more, measure more accurately, and do things that they could not otherwise accomplish.

Subp. 2. **Physical science; energy.** The student will understand that energy appears in different forms, including sound and light.

Subp. 3. **Earth and space science.**

A. The universe. The student will understand that the sun and moon have locations and movements that can be observed and described.

B. The universe. The student will understand that objects in the solar system as seen from Earth have various sizes and distinctive patterns of motion.

Subp. 4. **Life science.**

A. Structure and function in living systems. The student will understand that living things are diverse with many different characteristics that enable them to grow, reproduce, and survive.

B. Evolution in living systems. The student will understand that offspring are generally similar to their parents, but may have variations that can be advantageous or disadvantageous in a particular environment.

Statutory Authority: *MS s 120B.02*

History: *34 SR 1609;*

NOTE: This part is repealed effective September 2, 2025. 46 SR 325.

Published Electronically: *October 5, 2021*