

MEDICAL LAKE PHYSICAL SCIENCE POWER STANDARDS

1. GLE 1.1.1: Students will understand how to use physical and chemical properties to sort and identify different substances.
2. GLE 1.1.2: Students will apply an understanding of direction, speed, and acceleration when describing the linear motion of objects.
3. GLE 1.1.3: Students will understand sound, water, and light waves, using wave properties such as amplitude, wavelength, speed, refraction, reflection, transmission, and absorption.
4. GLE 1.2.2: Students will understand that energy can be transferred from one object to another, and/or transformed from one form of energy to another form of energy.
5. GLE 1.2.3: Students will understand the structure of atoms, how they bond to form molecules, and that molecules form both substances and/or matter.
6. GLE 1.3.3: Students will understand the different states of matter and that a change of state is only a physical change of matter, while two or more substances can react to form new substances, which is a chemical change of matter.
7. GLE 1.3.3: Students will understand that both matter and energy are conserved during both physical and chemical changes.
8. GLE 2.1.2: Students will understand how to plan and conduct scientific investigations.
9. GLE 2.1.5: Students will understand how to report investigations and explanations of objects, events, systems, and processes.
10. GLE 2.2.4: Students will be able to analyze scientific investigations for validity of method and reliability of results.