

GRADE 6 - SCIENCE



HOLDEN R-III SCHOOL DISTRICT STANDARDS AND ESSENTIAL LEARNING OUTCOMES

GRADE 6 - SCIENCE

- ▶ Choose/use/create appropriate materials (tools), methods, and science skills to collect data, and conduct research.
- ▶ Construct steps to use/design a lab experiment or report that includes steps of procedure, variables, materials and safety precautions for conducting an experiment
- ▶ Investigate magnetism and its properties
- ▶ Draw conclusions that express the importance of electricity and its workings
- ▶ Analyze the properties of matter
- ▶ Identify and explain changes in matter as either physical or chemical
- ▶ Explain how substances can change state using the Kinetic Theory of Matter
- ▶ Analyze and interpret the periodic table and its elements
- ▶ Identify and describe the different forms of energy
- ▶ Describe how waves are reflected, absorbed, or transmitted through various materials
- ▶ Describe the way in which sound functions
- ▶ Analyze how light waves travel through various mediums
- ▶ Draw conclusions about how work transfers energy into and out of a system
- ▶ Identify the 6 simple machines and distinguish how they make work easier
- ▶ Distinguish between renewable and nonrenewable resources