

Science – Grade 5
Hartley-Melvin-Sanborn CSD
Grade Level/Course Benchmarks

1. Uses simple equipment and tools to gather scientific data and conduct simple investigations. (GENERAL)
2. Use scientific inquiry that includes investigation, experiment, and observation to solve problems. (GENERAL)
3. Use higher order thinking skills to study science topics. (GENERAL)
4. Students will understand that the body of scientific knowledge is under constant change. (GENERAL)
5. Students will know that technology and science impact each other. (GENERAL)
6. Students will understand that human activity affects environments (GENERAL)
7. Understand that the cell is the basic unit of life. (LIFE)
8. Understand that invertebrates differ greatly from one another in habitat, shape, and size, and that they are classified into several major groups. (LIFE)
9. Understands that all plants need certain things from their environment and are adapted for their survival. (LIFE)
10. Compare and contrast the climates of different biomes and how the plants and animals of each biome are adapted for survival. (LIFE)
11. Understand the building blocks of matter. (PHYSICAL)
12. Understand the composition and reactions of matter. (PHYSICAL)
13. Understand the basics of magnetism and electricity and their interrelationship. (PHYSICAL)
14. Understands that energy resources vary, and may be both renewable and nonrenewable. (EARTH)
15. Describe the characteristics, properties, and uses of sound. (PHYSICAL)
16. Describe the characteristics, properties, and uses of light. (PHYSICAL)
17. Knows the processes involved in the water cycle. (EARTH)