

**Science – Grade 7**  
**Hartley-Melvin-Sanborn CSD**  
**Grade Level/Course Benchmarks**

Students will:

1. Use 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. Understand that the body of scientific knowledge is under constant change. (GENERAL)
5. Know that technology and science impact each other. (GENERAL)
6. Understand that human activity affects environments (GENERAL)
7. Know the structures within different types of cell and the functions those structures perform. (LIFE)
8. Understand the basic concepts of genetics and how traits are passed along through reproduction. (LIFE)
9. Know the structures within different types of cell and the functions those structures perform. (LIFE)
10. Understand the basic concepts of what makes something living. (LIFE)
11. Understand the interrelationship between living things and their environment. (LIFE)
12. Understand how biotic and abiotic factors relate and allow living things to survive. (LIFE)
13. Understand food chains and human effects on them. (PHYSICAL)
14. Describe the characteristics, properties and uses of sound. (PHYSICAL)
15. Understand the interrelationship between living things and their environments. (EARTH)
16. Understand how biotic and abiotic factors relate and allow living things to survive. (EARTH)

Revised 2004-2005 Science Benchmark Day  
5-8 team Cheryl Kroese