

## **6 – 12 SCIENCE CONTENT STANDARDS**

### **STANDARD 1: Nature of Science**

Understand that science is ongoing and inventive, and that scientific understandings have changed over time as new evidence is found.

### **STANDARD 2: Science Inquiry**

Investigate questions using scientific methods and tools, revise personal understanding to accommodate knowledge, and communicate these understandings to others.

### **STANDARD 3: Physical Science**

Demonstrate an understanding of the physical and chemical properties of matter, the forms and properties of energy, and the ways in which matter and energy interact.

### **STANDARD 4: Earth and Space Science**

Demonstrate an understanding of the structure and systems of the Earth, other bodies in the universe, and their interactions.

### **STANDARD 5: Life and Environmental Science**

Demonstrate an understanding of the characteristics and structures of living things, the processes of life, and how living things interact with one another and their environment.

### **STANDARD 6: Science Applications**

Demonstrate an understanding of the relationship between science and technology and the ways in which that relationship influences human activities.

### **STANDARD 7: Science in Social and Personal Perspectives**

Use scientific information and skills to make decisions about themselves, Wisconsin, and the world in which they live.