



# Learning Targets for Science

# Grade 3

School District of Marshfield

## **A. Science Connections & B. Nature of Science**

**A.B.3.1 Scientific knowledge is based on evidence (observations).**

## **C. Scientific Inquiry**

**C.3.1 Scientists use different kinds of investigations depending on the questions they want to answer.**

## **D. Physical Science**

**D.3.1 Identify simple machines (inclined plane, wedge, screw, lever, wheel and axle, pulley) and how they make work easier.**

**D.3.2 Identify the role of forces: gravity, friction, magnetism.**

**D.3.3 Know that when force is applied to an object, the object either speeds up, slows down or changes direction.**

## **E. Earth Science**

**E.3.1 Identify the sun as the star in the center of the solar system.**

**E.3.2 Identify planets and constellations in our solar system.**

**E.3.3 Recognize that Earth rotates, causing day and night and that Earth revolves around the sun.**

**E.3.4 Describe the motion of the moon and its phases.**

**E.3.5 Identify and classify Earth's renewable and nonrenewable resources.**

**E.3.6 Recognize that people change the environment to meet their needs. (Describe harmful effects as well as ways people protect the environment.)**

## **F. Life-Environmental Sciences**

**F.3.1 Group animals by characteristics.**

**F.3.2 Adaptations make it possible for animals to survive in a specific habitat.**

**F.3.3 Identify and describe the stages in the life cycles of an insect, amphibian, and mammal.**

**F.3.4 Recognize that different living things live in environments that meet their needs and support different animals.**

**G. Application & H. Social-Personal Perspectives**

**G.H.3.1** There are always more questions to ask; therefore, we will continue to learn more.

**G.H.3.2** Knowledge we gain today will affect what happens in the future.

**G.H.3.3** Understand the function of the following body systems: circulatory, skeletal, muscular, nervous and digestive systems.