



Learning Targets for Science

Grade 1

School District of Marshfield

A. Science Connections & B. Nature of Science

A.B.1.1 Scientific knowledge is based on evidence (observations).

C. Scientific Inquiry

C.1.1 Scientists use different kinds of investigations depending on the questions they want to answer.

D. Physical Science

D.1.1 Understand that the sun supplies light/heat and the differences between day and night

D.1.2 Understand how objects move (force, push, pull, straight line, curve, zigzag) and that a bigger push or pull makes things go faster or slower

D.1.3 Know that heat is caused from friction

D.1.4 Know that magnets can move things (attract and repel)

E. Earth Science

E.1.1 Understand that weather changes daily and with each season

E.1.2 Understand types of severe weather and how they change the landscape (blizzards, lightning, tornados)

E.1.3 Know what a cloud is and how it is made

E.1.4 Know that waves are formed by the movement of water

E.1.5 Understand what the basic objects in the sky are (sun, moon, stars)

E.1.6 Know the basic patterns of the sun and moon (sun moves across the sky)

F. Life-Environmental Sciences

F.1.1 Know that plants need soil, water, sunlight, and air

F.1.2 Know the basic parts and functions of a plant (root, stem, leaves, flower)

F.1.3 Know that animals need nutrients, shelter, water, and sun to survive

F.1.4. Understand how the needs of plants and animals are similar and different

G. Application & H. Social-Personal Perspectives

GH.1.1 Understand the importance of washing your hands and body

GH.1.2 Understand basic ways to prevent the spread of germs

GH.1.3 Understand how to take care of your body through exercise and eating healthy