



Disney Youth Education Series

How Things Move

National Standards

Science

Grades K–2

Understands relationships among organisms and their physical environment

- Knows that plants and animals need certain resources for energy and growth

Understands the sources and properties of Energy

- Electricity in circuits can produce light, heat, sound, and magnetic effects

Understands forces and motion

- Knows that magnets can be used to make some things move without being touched
- Knows that things near the Earth fall to the ground unless something holds them up
- Knows that the position and motion of an object can be changed by pushing or pulling
- Knows that things move in many different ways

Understands the nature of scientific inquiry

- Knows that learning can come from careful observations and simple experiments
- Knows that tools can be used to gather information and extend the senses

Understands the scientific enterprise

- Knows that in science it is helpful to work with a team and share findings with others





Technology

Grades K–2

Understands the nature of technological design

- Knows that planning is an important part of the design process
- Knows that because there may be multiple solutions to a design problem, each appropriate to different situations, many creative ideas can be useful

Understands the nature and operation of systems

- Knows that most things are made of parts and they may not work if some parts are missing
- Knows that when parts are put together, they can do things that they couldn't do by themselves
- Understands how some elements of simple systems work together
- Creates and tests a simple linear system

Understands the nature and uses of different forms of technology

- Knows that energy comes from different sources and is used in many common objects

