

Science Design Projects

Earth Science

Cartoon

Design a vocabulary cartoon that defines the special features of earth science.

Poster

Create a museum-quality poster that explains an important process in earth science.

T-Shirt

Design a T-shirt that demonstrates something amazing or beautiful about earth's landforms or oceans.

Brochure

Design a brochure that explains how the earth has changed over time.

Diorama

Create a diorama that depicts a natural disaster in progress.

Scale Model

Build a scale model of an interesting natural feature (such as an island, a volcano, a canyon, or a delta).

Rube Goldberg Machine

Create a Rube Goldberg machine that depicts the water cycle or rock cycle.

Life Science

Cartoon

Design a comic strip that shows how a given species developed.

Poster

Create a poster showing some aspect of human biology (skeletal structure, neural networks, types of blood cells, and so on).

T-Shirt

Design a T-shirt displaying life-forms in the tree of life.

Brochure

Create a brochure that explains an important biome.

Diorama

Design a diorama of a specific ecosystem.

Scale Model

Create a scale model of a plant or animal cell, showing its main features.

Rube Goldberg Machine

Design a Rube Goldberg machine that depicts a food chain.

Physical Science

Cartoon

Create a photo cartoon that presents a chemical reaction in progress.

Poster

Design a poster that explains the properties of matter or energy.

T-Shirt

Design a T-shirt that shows the structure of a specific atom or molecule.

Brochure

Create a brochure that explains how a chemical reaction takes place.

Scale Model

Create a working scale model showing how energy is transferred through a simple machine.

Rube Goldberg Machine

Design a Rube Goldberg machine and label the way energy is stored and released.