

SCIENCE

1st Grade

*Living things are interdependent.
Energy must be applied to do work.
Sun is the source for energy for life on earth.*

2nd Grade

*Living vs. non-living things.
There are many kinds of objects in the universe.
The sun's energy affects life on earth.*

3rd Grade

*Living things are interdependent.
The sun is a source of energy for life.
The motions of objects in space are predictable.*

4th Grade

*Living vs. non-living things.
Temperature and pressure determine the form of matter.
Sun's energy affects the climate of the earth.*

5th Grade

*Living things are interdependent.
There are many kinds of objects in the universe.
The motions of objects in space are predictable.*

6th Grade

*Living vs. non-living things.
The sun is a source of energy for life.
Sun's energy affects the climate on earth.*

BIOLOGY

Ages (not grades)

5-7 *Learns external body parts of plants and animals.*

6-10 *How plants and animals satisfy their needs.*

7-11 *Classifying plants and animals by their evolutionary development.*

7-11 *How a specie or individual preserves itself*

*Reproduction
Defense
Food
Habitat*

7-12 *Experiments for the study of the preservation of the individual and the study of human beings.*

8-12 *Human anatomy*

How the different organs and systems interact to make the body function.

9-12 *Ecology*

The study of the interrelatedness of plants and animals and plants and animals with non-living things.

*Ecosystems
Nitrogen cycle
Photosynthesis
Water cycle
Oxygen , carbon dioxide cycle
Air cycle (circulation)
Top soil formation*