Fundamental Science Concepts
For Elementary Grades

Inquiry

How do I know what I know?
How do I know what I need to know?

What are things made of?

**Atoms:** Big things are made of smaller things.

**Cells:** There are a vast number of different types of plants and animals.

**Radiation:** Radiation is everywhere. Light is a form of radiation.

How do systems interact and change?

**Systems Change:** A system is a bigger thing made of smaller things that can change over time.

**Forces:** Changes in the motion of objects are caused by forces.

**Energy:** Everything that happens involves energy.

**Conservation of Mass and Energy:** Sometimes matter changes how it looks and feels, but it seems to exist forever.

**Variation:** Offspring are mostly similar, but not identical to their parents.