

Change

Stimulating Science



Years 1 & 2

Your students will consider changes that we experience in our lives through the lenses of biology, earth and space science, chemistry, and physics. They will learn the difference between living and non-living things and how heat can change matter. Your students will sketch plants during an excursion, and conduct an experiment showing the effects of soda water on raisins.

Rationale

Everything in our physical world changes and understanding how and why these changes occur, helps us in our daily lives.

Essential questions

- What changes every day?
- How does a scientist work?
- Why are there different categories of science?

Glossary

change, combine, compare, describe, detergent, eat, flower, fly, gather, heat, mix, nutrients, observe, predict, pull, push, question, research, roots, season, shade, swim, walk, water

Rich assessment task

Students will revisit four investigations in Chemistry, Biology, Physics and Earth sciences as they record observations and make predictions. They will act like scientists as they identify the science that they can see in the world around them.

Future action

Students will develop a curiosity about the world around them. They will appreciate the different types of science that provide information and explanations as to why and how the world around them changes continuously. They will be curious about everyday experiences and will have strategies to help them ask and answer questions about their world.