

# Science: Assessment

## Year 3 Summer 2

### Key Vocabulary

<b>Nutrition</b>	the process of providing or obtaining the food necessary for health and growth.
<b>Strength</b>	the quality or state of being physically strong.
<b>photosynthesis</b>	the process by which green plants and some other organisms use sunlight to synthesize nutrients from carbon dioxide and water.
<b>Minerals</b>	a solid, naturally occurring inorganic substance
<b>Marble</b>	a hard crystalline metamorphic form of limestone, typically white with coloured mottlings or streaks
<b>granite</b>	a hard, granular, crystalline, igneous rock consisting mainly of quartz, mica, and feldspar and often used as a building stone.
<b>Boulder</b>	a large rock, typically one that has been worn smooth by erosion.
<b>Absorb</b>	to take in or soak up
<b>Peaty</b>	a soil consisting largely of peat and consequently rich in humus and of acid reaction

### Why don't you...

Find different objects around your house that are magnetic?

Find different types of soils in your local area and compare how they are different?

Find different types of rocks in your local area, can you identify what type of rock they are?

### Website Links

<https://www.bbc.co.uk/bitesize/topics/z9bbkqt>

[Photosynthesis - BBC Bitesize](#)

### Enquiry Questions

- What would happen to the world if we didn't have a magnetic field?
- How can I make a shadow change size?
- Why are rocks different?
- Which rock would be the best to build a house?
- Are soils in my garden different from my friends?

### Scientific Skills

- Use different ideas and suggest how to find something out.
- Make and record a prediction before testing, Explain why they need to collect information to answer a question.
- Obtaining and presenting evidence.

### Scientific Concepts

**Growth** - A series of actions or steps taken in order to achieve a particular end. The process of increasing in size.

**Energy** - Strength and power. There are many forms such as thermal (heat), radiant (light) or kinetic (movement).

**Comparison** - To compare two or more things, including their similarities and differences.

**Structure and Function** - Anything composed of parts arranged together in some way has a structure. A function is a specific job or procedure.

### Scientific Knowledge

I can describe magnets as having two poles and a magnetic field.

I can find patterns in the way that the sizes of shadows change.

I can recognise different types of rocks and describe the texture.

I can compare and group together different kinds of rocks on the basis of their appearance and physical properties.

I can describe in simple terms how fossils are formed when things that have lived are trapped within rock.

I can recognise that soils are made from rocks and organic matter.