

Science - Assessment

Year 5 Summer 2

Key Vocabulary

Planets	A celestial body moving in an elliptic orbit around a star.
Rotate	Move or caused to move in a circle around an axis or centre.
Orbit	The curved path of a celestial object or space craft around a star, planet or moon.
Asexual	(Of reproduction) not involving not including the fusion of gametes.
Insoluble	Cannot be dissolve in a liquid
Dissolve	When a solid mixes completely into a liquid to form a clear liquid called a solution
Reversible	Capable of being reversed so that the previous sate or situation is restored.
Solution	A liquid mixture in which the minor component (the solute) is uniformly distributed within the major component (the solvent).
Soluble	Able to be dissolved, especially in water.

Why don't you...

Set up an investigation to prove that plants respire?

Test what items from your kitchen cupboards can be dissolved?

Make a table showing different materials that can be dissolved, filtered or evaporated?

Identify the plants in your garden that reproduce asexually?

Website Links

<https://www.stem.org.uk/primary-science-system-3rd-level-Science-Revision-BBC-Bitesize>
<https://www.bbc.co.uk/bitesize/topics/zy66fq8>

Enquiry Questions

Can all substances be either dissolved, filtered or evaporated?

Do all plants reproduce in the same way?

Why does a compass always point North?

What can you tell me about the Earth, sun and moon?

What do all living things do?

Scientific Knowledge

- Separate mixtures using filtering.
- Separate mixtures using filtering.
- Separate mixtures using evaporating.
- Describe the life process of reproduction in plants.
- Describe the Earth, sun and moon as spherical objects and their movement in relation to the sun.

Scientific Concepts

Processes

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

Structure and function

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

Scientific Skills

- Use different ideas and suggest how to find something out. Make and record a prediction before testing.
- Record their observations in different ways
- (labelled diagrams, charts etc).
- Describe what they have found using scientific words.