

Year 3: PLANTS

Glossary

fruit – an edible, fleshy part of the plant that surrounds one or more seeds e.g. peach

flower- Plants spread their seeds in lots of different ways. This is called seed **dispersal**. Some seeds are transported by the wind and are shaped to float, glide or spin through the air.

germinate – to begin the process of growth - when a seed forms a small root and/or shoot

leaf – green part of a plant that makes food for the plant

roots – the part of a plant that keeps it in place and takes in water and minerals

pollination- pollen from one flower needs to travel to another.

stem – the main body or stalk of a plant; transports water

Producer- plants make their own food using oxygen, water, nutrients, minerals and sunlight.



Transpiration- the process of water travelling from the soil into plant, up the leaves where it evaporates into the air. It is affected by temperature, sunlight, humidity and wind. It is a continuous flow and can be likened to how a drinking straw works.



Radicle- the emerging root

Healthy plant growth requires:

light



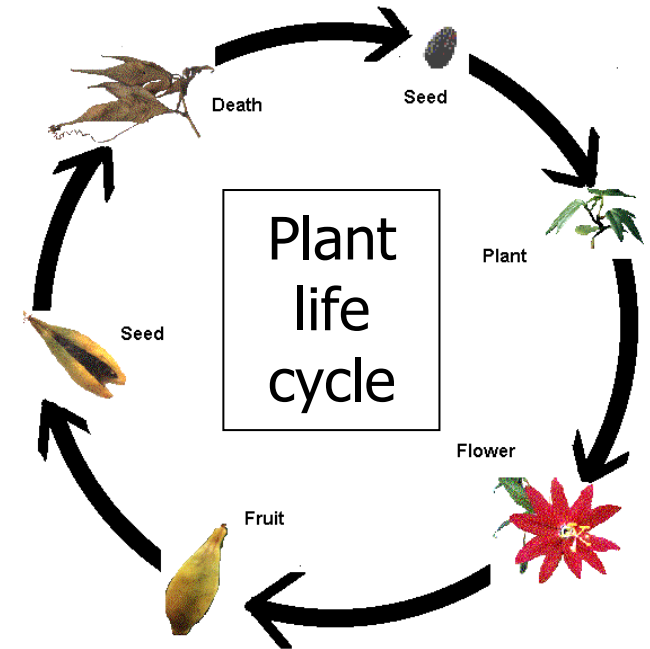
air



water



warmth



Plants **flower**→flowers are **pollinated** →**seeds are formed** → **seed are dispersed** → seeds **germinate** →seedlings grow into plants→flowers grow and insects are attracted to the petals.

seed formation– the part of a plant that will grow into a new plant. Seeds are formed in the flower.

Seed dispersal Plants spread their seeds in lots of different ways. This is called seed **dispersal**. Some seeds are transported by the wind and are shaped to float, glide or spin through the air.