EYFS/Year 1 Science Knowledge Organiser: Lifecycles

Core knowledge

To know that a lifecycle is the journey of a living thing from beginning to end.

To know that some animals give birth to live young and some animals lay eggs.

To know the lifecycle of different animals may be different.

To know that plants follow a set lifecycle.

To know the basic parts of a plant are the roots, stem, leaves and flower.

To know that the roots absorb water and minerals from the soil.

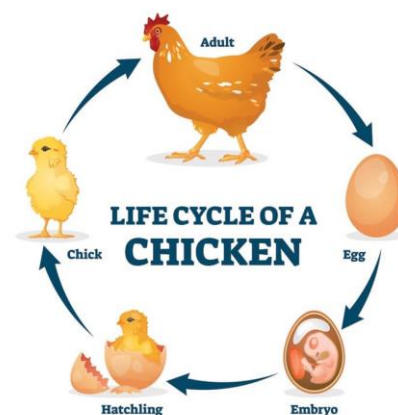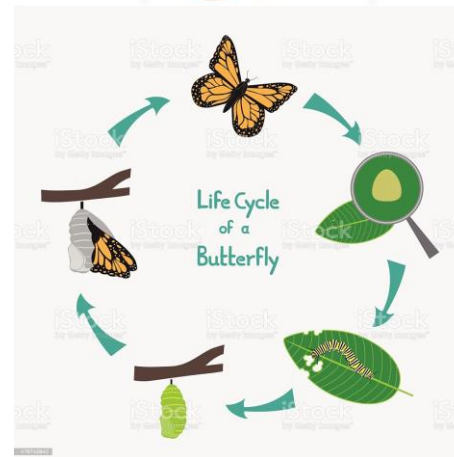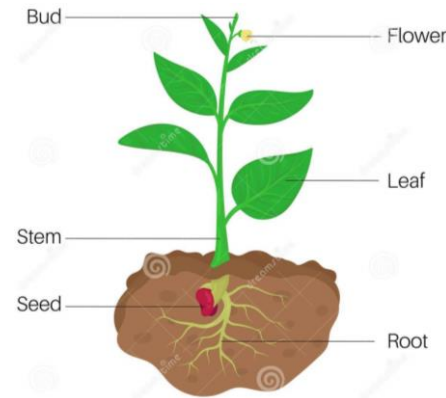To know that the stem transports water around the plant.

To know that the leaves make food through the process of photosynthesis.

To know that the flower attracts insects, which collect pollen from the plant.

To know that plants need water, light and air to grow.

To know that plants use the energy from the sun to grow and that this is called photosynthesis.

To know that seeds can be dispersed by the wind, water, sticking to things, exploding and being eaten by animals.

Life Cycle of a Butterfly

LIFE CYCLE OF A CHICKEN

Vocabulary	Definition
Lifecycle	The journey of a living thing from beginning to end.
Animal	A living creature that needs food and water to live.
Mammal	An animal which breathes air, has a backbone, has hair and gives birth to live young.
Egg	An object which contains the baby of a bird, reptile, fish, insect, arachnid or amphibian
Metamorphosis	The dramatic transformation that some animals go through to become and adult e.g. caterpillars to butterflies.
Plant	A living thing which has roots in the ground or in water. They grow from seeds to bulbs.
Stem	The part of a plant which transports water from the roots.
Roots	The part of a plant which absorbs water and minerals from the soil.
Leaves	The part of a plant which makes food through the process of photosynthesis.
Flower	The part of a plant which attracts insects.
Photosynthesis	The process a plant goes through to make food using water, carbon dioxide and the energy from the sun.
Seeds	The small parts produced by plants from which new plants grow.
Dispersal	The process of spreading seeds so that new plants grow.