



St John Fisher RC Primary School

Year 2 Knowledge Organiser – Spring Term One - Science

What we will be learning

I know:

Lesson 1

- How to closely observe a diverse selection of plants, which can include flowering plants, fruit, vegetables and herbs and sort and group these plants using different criteria or categories
- How to carry out a comparative test to explore whether plants grow healthier in the light or dark.

Lesson 2

- That both plants and animals have a habitat and can name some familiar habitats in their local area.

Lesson 3

- How to explore animals and plants that survive in the polar habitats

Lesson 4

- How to explore animals and plants that survive in the desert habitats

Lesson 5

- How to explore animals and plants that survive in the ocean habitats

Lesson 6

- How to explore animals and plants that survive in woodland habitats

Key Facts to Remember

- Plants can be observed closely and grouped by their features, such as leaves, flowers and size.
- We can compare plants to see what is the same and what is different.
- Plants need light and water to grow healthy and strong.
- Plants and animals live in habitats that meet their needs.
- Habitats provide food, water, air and shelter.
- Deserts are hot and dry habitats with very little water.
- Polar habitats are very cold and icy.
- Oceans are large bodies of water where many plants and animals live.
- Plants and animals have adaptations that help them survive in their habitat.

Key Vocabulary and Glossary

Adaptation	a feature that helps a plant or animal survive in its habitat
Compare	to look at what is the same and what is different
Dark	a place with little or no light
Desert	a hot, dry habitat with very little water
Habitat	the place where a plant or animal lives
Light	energy from the sun that helps plants grow
Observe	to look closely at something
Ocean	a large body of water where many plants and animals live
Polar	a very cold habitat near the North or South Pole
Test	an investigation to find something out

Key Knowledge:

Plants can be observed closely and grouped into categories by their features, such as leaves, stems, flowers and fruit. Plants need light and water to grow and stay healthy, and we can carry out a test to compare how plants grow in the light and in the dark. Plants and animals live in habitats, which provide food, water, air and shelter. Some habitats are polar regions, deserts, oceans and woodlands. Living things have adaptations that help them survive in their habitat.

