

EYFS Science Knowledge and Skills Pathway

KSI

Allowing children an insight into the wonderful world of science at such an early point in their lives is something we believe strongly in at Oakmeadow. We want our children to be immersed in a world of curiosity and inquisitiveness. Through carefully planned opportunities, our children are able to ask 'why' and 'how', whilst developing their own understanding of the world in which they reside.

The Natural World:

Making observations and drawing pictures of the world around us.
Contrasting between different environments.
Understanding important processes and changes in the natural world, including changing states of matter.

Working Scientifically Focus:

Making observations; Drawing what they see; Comparing and contrasting.

Creating with Material:

Using and exploring a variety of materials, discussing some of their properties.

Working Scientifically Focus:

Comparing and contrasting.



The Natural World:

Understanding the effect of changing seasons on the natural world.

Working Scientifically Focus:

Using scientific vocabulary; Making comparisons.

Summer

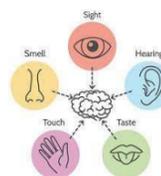


Learning about Outdoor Environments:

Identify the most prolific plant and animal species.
Observe and describe changes in living things.
Caring for plants and animals in local environment.
Discussing changes in local environment.

Working Scientifically Focus:

Discussing changes; Using scientific knowledge to identify; Making careful observations.



The Natural World:

Describing what they see, hear and feel outside.

Working Scientifically Focus:

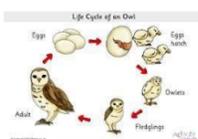
Using senses to describe.

Learning about Outdoor Environments:

Identifying plant and animal species.
Understanding life cycles of plants and animals.
Nurturing plants and animals.
Understanding human impact on plants and animals.

Working Scientifically Focus:

Identifying species; Making comparisons; Nurturing and understanding.



Spring

Learning about Outdoor Environments:

Describing fundamental seasonal changes.
Learning about the process of planting.
(Growing broad beans)

Working Scientifically Focus:

Making simple descriptions using scientific vocabulary; Explaining processes.



The Natural World:

Discussing differences between materials.
Understanding the key features of the life cycle.
Exploring the natural world.

Working Scientifically Focus:

Discussing what can be seen using increasingly accurate vocabulary; Making simple comparisons.

Autumn

Learning about Outdoor Environments:

Observing the environment to notice changes.
Improving environments I visit.
Exploring outdoor environments.

Working Scientifically Focus:

Making observations; Making suggestions of how improvements can be made.



EYFS