





Where Science fits into the EYFS curriculum.

The most relevant statements for Science are taken from the following areas of learning:

- **Communication and Language**
- **Personal, Social and Emotional Development**
- **Understanding the World**



Science in EYFS



at St Joseph's Catholic Primary School

In Science we focus on our physical health and how to keep ourselves healthy. Vocabulary is key and we share new vocabulary within the class during carpet time and in continuous provision too. We use adults as a tool to further children's learning and to develop with their interests.

We have some focus Science activities that will support children's independent learning. We ensure that we move with the children's interests and that their learning and interests are at the fore-front of our curriculum.

Here are some planned activities we will look at this year.

Reception children	Communication and Language	<ul style="list-style-type: none"> • Learn new vocabulary. • Ask questions to find out more and to check what has been said to them. • Articulate their ideas and thoughts in well-formed sentences. • Describe events in some detail. • Use talk to help work out problems and organise thinking and activities, and to explain how things work and why they might happen. <p>Use new vocabulary in different contexts.</p>
	Personal, Social and Emotional Development.	<ul style="list-style-type: none"> • Know and talk about the different factors that support their overall health and wellbeing: <ul style="list-style-type: none"> - regular physical activity - healthy eating - toothbrushing - sensible amounts of 'screen time' - having a good sleep routine being a safe pedestrian
	Understanding the World	<ul style="list-style-type: none"> • Explore the natural world around them. • Describe what they see, hear and feel while they are outside. • Recognise some environments that are different to the one in which they live. <p>Understand the effect of changing seasons on the natural world around them.</p>

Continued...

Communication is key and through continuous provision we allow the children to explore and communicate with their peers. Adults are used as a tool to support this further and to step in and develop learning.

ELG	Communication and Language Listening, Attention and Understanding	<ul style="list-style-type: none">• Make comments about what they have heard and ask questions to clarify their understanding.
	Personal, Social and Emotional Development Managing Self	<ul style="list-style-type: none">• Manage their own basic hygiene and personal needs, including dressing, going to the toilet and understanding the importance of healthy food choices.
	Understanding the World The Natural World	<ul style="list-style-type: none">• Explore the natural world around them, making observations and drawing pictures of animals and plants.• Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class. <p>Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.</p>

Science throughout the Year in Reception...

How does ice melt?

Using a range of tools and toys frozen in ice. Experiment what happens when ice melts. Can we speed up the process?



Simple science experiments to encourage discussions and for children to begin to make predictions.

- Waterproof – protecting our objects.



Focus on keeping healthy and oral hygiene.

Children to take home own toothbrushes and toothpaste.

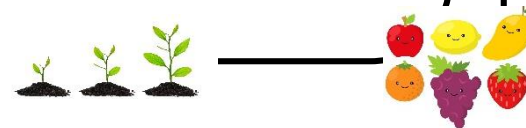
Look at healthy food and fruit. Discuss the effect it has on our body.

Linking this to Computing and how we should limit screen time, regularly exercise etc.

Grow and observe own plants in the garden and in pots.

- Cress
- Beans
- Flowers

Discuss- what do they need to grow?



Making own boat using materials. Will it float? Will it sink? Why?

Colour mixing



Exploring magnets
What happens if...

Seasonal walks to observe changes.

Autumn, Winter, Spring.

What is the same? What is different?

Sand and water play during continuous provision.

Sensory walks- what do we hear? See? Smell?

We are lucky enough to have the hatching kit. The children are able to closely observe the changes and watch a life cycle begin.

The children also explore other life cycles alongside this.