

*Inspiring and enabling our school community to live life to the full*



**YEAR 2**

**Subject: Science  
Growing Up**

Our Science curriculum aims to enthuse children and help them to be curious and develop a sense of excitement about the world. Through a range of teaching, learning and extra-curricular opportunities, children will develop scientific knowledge and conceptual understanding to recognise the uses and implications of Science, today and for the future. We encourage children to ask their own questions; predict how things will behave and analyse causes, using Science to explain what is happening.

**Characteristics of an Effective Learner**

Courage  
Commitment  
Collaboration  
Creativity  
Curiosity

**Prior Learning:**

Year 1 – In science, children name the parts of the human body and learn about our five senses.

**Key Vocabulary taught in this unit:**

Change, born, baby, grow, toddler, child, teenager, adult, young old, egg, caterpillar, chrysalis, pupa, larva, head circumference.

**Intent: What do we want the children to know, be able to do by the time they complete this unit?**

**Notice that animals, including humans, have offspring which grow into adults**

Observe how particular animals change over time. (honey bee & butterfly)

Compare a doll and a baby and identify the potential needs of a baby.

Draw on a range of information sources to identify the changes that have occurred as they have grown from a baby into a child.

Learn about stages in human life.

Carry out a pattern-seeking investigation based on measuring the head sizes of children of different ages.

Find out more about babies by questioning an expert (a parent or health professional).

**Enquiry skills**

**Observing closely, using simple equipment**

Use a tape measure to measure head sizes of different aged children.

**Performing simple tests**

Carry out a pattern-seeking investigation to find out if older children have bigger heads

**Using their observations and ideas to suggest answers to questions**

Compare the head circumferences of different aged children to find out if older children have bigger heads.

**Gathering and recording data to help in answering questions**

Record data about children's head size and age in a table.

**Impact / Outcome: What will the final product / result be?**

Children find out how some animals (bees and butterflies) and humans change as they grow up into adults. They investigate patterns linking age and head circumference.

**P4C Inquiry (where appropriate)**

NA