

Science Rationale

Year 5 Science – The Human Body

In this unit, children will study how the human body changes from birth to old age. We strongly advise that teachers check the content aligns with their schools PSHE/SRE policies and curricula before teaching this unit. Pupils will study the changes that happen to the human body from conception through to old age. They will cover the period of growth known as adolescence and will learn about the changes to the human body including muscles and bones growing larger, the growth of hair in armpits and around genitals, menstruation and voices breaking. Pupils will compare and contrast the different gestational periods of animals, including humans and will understand that human infants need care and attention for many years before they are independent. Pupils will learn about changes to the human body in old age and the importance of a healthy lifestyle at all ages. The content of this unit will be built upon in Year 6 when children study reproduction in plants, animals and humans.