



St. Francis Xavier's RC Primary School

Science Unit Guidance and Formative Assessment

Year Group:	5 Summer	Subject:	Science
Unit:	Animals including humans	Prerequisite Learning and Curriculum Links	<p>EYFS ELG The Natural World 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; understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.</p> <p>Health and Safe Care: Understand the importance of a healthy diet and managing hygiene</p> <p>Animals including humans</p> <p>Y1: identify parts of the body and their function</p> <p>Y2: recognise ways to be healthy including diet and exercise</p> <p>Y3: Name parts of the skeleton. Explore the impact of nutrition and diet</p> <p>Y4: Teeth and digestion</p> <p>Curriculum Links in Year 5</p> <p>Computing: present data using excel</p> <p>Maths: statistics- using tables, charts and graphs</p>

ROCKS (Remembering Our Curriculum Knowledge and Skills)

There are six main stages of human development: foetus, baby, child, adolescent, adult, elderly/ old age

During the first year of life, babies develop and grow from a new born to a toddler

Many physical and emotional changes happen in puberty which effect boys and girls differently

A gestation period is the development during the carrying of an embryo, foetus and varies between animals

Progressive Journey:

Use a timeline or report to map out the stages of human development and the characteristics of each stage of development

Present the growth of babies in the first 12 months using a bar or line graph

Discuss the changes which occur during puberty and ask scientific questions

Distinguish between fact and myths about changes during old age

Compare gestation periods between different mammals of varying sizes

Explore the relationship between life expectancy and gestation periods

Skills:

Record data and results using a range of tables, charts and graphs

Report and present findings and conclusions from scientific research

Make predictions based on prior knowledge

Ask questions to boost understanding

Identify scientific evidence to support or refute predictions

Research using online sources

Key Vocabulary

Physical, emotional, social and physiological foetus, baby, child, adolescent, adult, elderly

Hormones, periods, menstruation, pubic hair, hygiene

Gestation period, life expectancy, relationships