



Shadsworth Junior School



Curriculum

Year 5 Scheme of Work

Term: Summer One

Topic: Life Cycles (animals and humans)

Key Skills and Knowledge:

To describe the changes as humans develop to old age.

To work scientifically by researching the gestation periods of different animals and comparing with the human gestation period.

To describe the differences in the life cycles of:
mammal, bird, insect and amphibian.

To describe the life process of reproduction in some plants and animals.

Plan different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary. Take measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate. Record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs. Report and present findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations. Identify scientific evidence that has been used to support or refute ideas or arguments.

Reading and Writing Opportunities (Long and Short Activities)

Creative Ideas and Hooks

Investigation write up – What difference does age make? (planning, doing, evaluating grid)

Learning Challenge question, “How different will you be when you are as old as your grandparents?”

Create questions for a parent of a young baby

ICT link – use the photographic aging app (aging booth) to show the children what they would look like in twenty years time and discuss what their feelings are.

Independent research on the stages of development

Create health and fitness information (poster) include work outs and menus for a balanced diet.

Research pictures of famous celebrities as babies and how they look now. Research animal life cycles (give choice)

Links to PSHCE, Equality and British Values Work

Respecting all ages, mutual respect and looking at the work of charities and organisations like Age UK and Homecare.

Key Vocabulary:

Life cycle, gestation period, foetus, embryo, toddler, baby, teenager, young adult, aging, puberty, orphaned, time travel

Resources Available / Visits/Visitors

The Nowhere Emporium book and PowerPoint resources.

Visit of mother and baby, or older person. (observation / questioning)

Art link – sketch yourself and your grandparent.

Useful Websites:

<https://www.bbc.co.uk/education/clips/zxj96fr>

<https://www.bbc.com/bitesize/topics/zgssgk7>

Previous Knowledge: Do butterflies have babies? Can you name the life cycle stages of a frog?