

Subject: Science
 Year group: 5
 Term: Summer
 Unit name: Animals including humans
 Strand: Biology

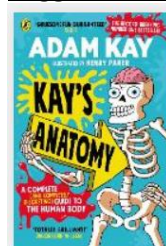
Prior Knowledge - Notice that animals, including humans, have offspring which grow into adults. (Y2 - Animals, including humans). Explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal. (Y3 - Plants)

Key Vocabulary: Adolescent, adult, asexual reproduction, sexual reproduction, fertilization, death, teenager, elderly, toddler, reproduction, foetus, growth, puberty, menstrual cycle, gestation.

Key Scientists:

Alice Roberts
 Robert Winston
 Midwives

Suggested books:



National curriculum:



















- Describe the changes as humans develop from birth to old age.

Working Scientifically:

- Ask relevant questions.
- Make careful observations and use a range of equipment.
- Gather, record and classify data.
- Record findings using scientific language, drawings, labelled diagrams.
- Identify similarities and differences.
- Use straightforward scientific evidence to answer questions to support findings.

Compassion

Hope

Key learning objectives- Highlighted boxes = Learning Objective for that lesson. The other two are your Success Criteria.		
Knowledge	Working Scientifically	Scientific Enquiry
To describe the changes as humans develop from birth to old age.	To make predictions on gestation periods of animals. 	To look for patterns in gestation periods. 
To describe the changes as humans/animals develop to old age.	To record data using a scatter graph. 	To notice changes over time. 
To describe the changes as humans develop to old age.	To make careful observations as we grow older. 	To use research and my own subject knowledge to order stages of human development. 
To describe the changes as humans develop to old age.	To record my learning using scientific diagrams and vocabulary. 	To identify changes in the body. 
To describe the changes as humans develop to old age.	To interpret my findings to help others. 	To use research and subject knowledge to help others. 
To describe the changes as humans develop to old age	To evaluate my learning. 	To use research and subject knowledge to help others. 
Scientific Enquiry Key	Comparative / fair testing Changing one variable to see its effect on another, whilst keeping all others the same. 	Pattern-seeking Identifying patterns and looking for relationships in enquiries where variables are difficult to control. 
	Research Using secondary sources of information to answer scientific questions. 	Identifying, grouping and classifying Making observations to name, sort and organise items. 
	Observation over time Observing changes that occur over a period of time ranging from minutes to months. 	Problem-solving Applying prior scientific knowledge to find answers to problems. 
Assessment- Key indicators: Can explain the changes that takes place in boys and girls during puberty. Can explain how a baby changes physically as it grows and also what it is able to do.		