NPA Knowledge Organiser: Year 5 Science - Spring 2







Key vocabulary			
puberty	The time when your body begins		
	to develop and change as you		
	become an adult.		
sexual	The process where a living thing		
reproduction	creates another organism like		
	itself. In humans, a sperm cell		
	from a male fertilises an egg		
	from a female to produce a		
	baby.		
menstruation	When a woman has a period,		
(period)	she loses a small amount of		
	blood each month.		
sperm	Single cells produced by male		
	animals.		
egg	A cell that is produced in the		
	body of female animals.		
foetus	An animal or human being in its		
	later stages of development		
	before it is born.		
gestation	The length of time a mammal		
	carries her offspring inside her		
	body before giving birth.		
life	e The length of time that an		
expectancy	animal is normally likely to live.		

Animals including humans

	Mammal	Gestation period (in days)
	Cat	63
	Chimpanzee	240
	Lion	108
	Human	266
-	Rabbit	31
	Whale	360
$\frac{1}{2}$	Dog	61

Sarah Fowler

Sarah Fowler (OBE) is a marine biologist. She is the principal scientist of the Save Our Seas Foundation. Her research has identified the global threat to sharks and she shares strategies of how we can protect them.

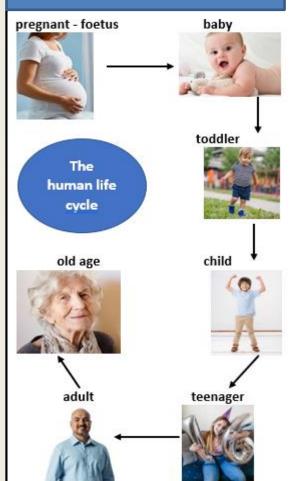


"An understanding of the natural world and what's in it is a source of not only a great curiosity but great fulfilment." — David Attenborough

NPA Knowledge Organiser: Year 5 Science - Spring 2

we grow and develop from

birth through to old age.



<u>Puberty</u>

Puberty usually begins between the ages 8-14 and the process can take up to 4 years.

During puberty the bodies of boys and girls begin to change physically.

Boys and girls can experience some mood changes during puberty.

Changes for girls:

- · Hair starts to grow on their bodies
- Breasts develop and hips widen
- Periods start

Changes for boys:

- Hair starts to grow on their bodies and faces
- Develop a deeper voice
- Testicles start to produce sperm

By the end of this unit, you will be able to:

 describe the changes as humans develop to old age

