# Science: Animals, Including Humans

#### Statutory Requirements:

Pupils should be taught to:

describe the changes as humans develop to old age.

#### Notes and Guidance (Non-statutory):

- Pupils should draw a timeline to indicate stages in the growth and development of humans. They should learn about the changes experienced in puberty.
- Pupils could work scientifically by researching the gestation periods of other animals and comparing them with humans; by finding out and recording the length and mass of a baby as it grows.

#### LO: To describe changes as humans develop to old age.

This week I would like you to ...

Begin by looking at yourself in a mirror then think about the following questions:

- Do your baby photos look the same?
- Would photos taken in 2 years' time look the same?
- What about 60 years' time?
- How do people change from birth to adulthood and into old age?

Compare a photo of you as a baby to what you look like now. Draw and complete a table of similarities and differences.

E.g.

Similarities	Differences
eye colour	height

Next, follow the instructions to complete the: Who? What? When? Human lifecycle challenge (the resources you need are at the end of this document): <u>Instructions:</u>

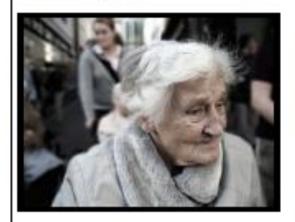
- 1. Match the picture (who?) with what might be happening (what?) and the age (when?).
- 2. Now see if you can think of other things that might happen during that stage of life.
- 3. Write down any questions you would like answering, or to explore about humans and their development and lifecycle.

Finally, complete a time line of your life from birth to now. Label it with key milestones, e.g. when you first crawled/walked, when you started talking, when you learnt how to swim/ride a bike, when you learnt how to read etc. To help you with this activity you could look through photographs and speak to your parents.

As usual, I would love to see the work you produce from this week's Science challenge so remember you can share via email.

#### Who? What? When? Human lifecycle challenge

### Who?















#### What?

I am currently busy learning to read and ride my bike. My body is growing fast!

I am currently busy with work and my family. My hair is starting to go grey!

I am enjoying playing with my granddaughter and having time to read in my garden. I am currently busy learning to crawl. My body is growing fast!

My body is currently busy changing shape and getting ready to reproduce.

I am currently busy finding my own home and beginning a career.

I am currently busy growing some eyes and ears. When?

## Before birth

0-2 years

**3-11** years

12-18 years

18-25 years

25-65 years

65+ years