



Somerset Bridge Primary School  
Aspire - Brave - Care - Collaborate

# Year 5 – Summer

## Science - Animals Including Humans

Key Vocabulary		✓
gestation	The time while an embryo is developing in the womb.	
adolescence	The stage of development between child and adult.	
puberty	The name for the changes that occur in adolescence.	
hormones	Chemicals produced by the body that affect us.	
menstruation	Menstruation begins for most girls between the ages of 9-15, and continues through adulthood.	

### The Human Life Cycle ✓

The human life cycle has the same stages as other mammals: embryo, baby, child, adolescent, adult.

The human gestation period is 9 months.

During gestation, an embryo develops in the womb.

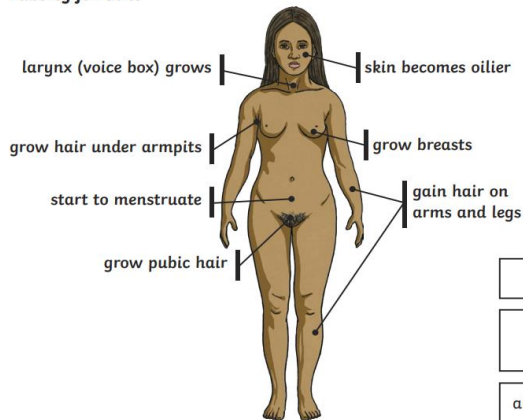
### Puberty ✓

During adolescence, children go through puberty, when their bodies start to develop features related to reproduction.

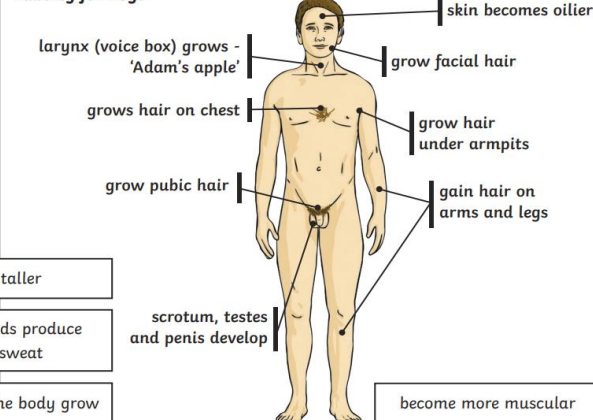
Hormones are produced in this time that have a range of effects on the body.

This includes physical changes (to our bodies) and psychological changes (to our emotions and feelings):

#### Puberty for Girls



#### Puberty for Boys



- grow taller
- sweat glands produce more sweat
- all parts of the body grow

### Being a Scientist

We can calculate a ratio to compare height and arm span.

Using the data we have collected about height, arm span and other body measurements, we can draw conclusions about the differences between adults and children.

Babies depend on their parents. They cannot walk, talk or feed themselves.



Most children still need support from parents and are still learning, but are able to walk and talk.



Most adults are independent from their parents.



Humans have an average lifespan of 79 years (depending on lifestyle).