

Key Knowledge

fertilisation

The male and female sex cells fuse together.



prenatal

The cells develop and grow into a foetus inside the female uterus. After about nine months, the baby is born.

infancy

Infants undergo rapid growth and development. They learn to walk and talk.

childhood

Children learn new skills and become more independent.

adolescence

The body starts to change over a few years. The changes occur to enable reproduction during adulthood. Adolescents become much more independent.

early adulthood

The human body is at its peak of fitness and strength..

middle adulthood

The ability to reproduce decreases. There may be hair loss or hair may turn grey.

late adulthood

Leading a healthy lifestyle Can help to slow down the decline in fitness and health that occurs during this stage.

Key Vocabulary

fertilisation	The process of the male and female sex cells fusing together.
prenatal	The period of time before birth.
gestation	The process or time when prenatal development takes place before birth.
reproduce	To produce young.
life cycle	The changes a living thing goes through, including reproduction.

Disciplinary Skills

Maths: Statistics: To know how to interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs

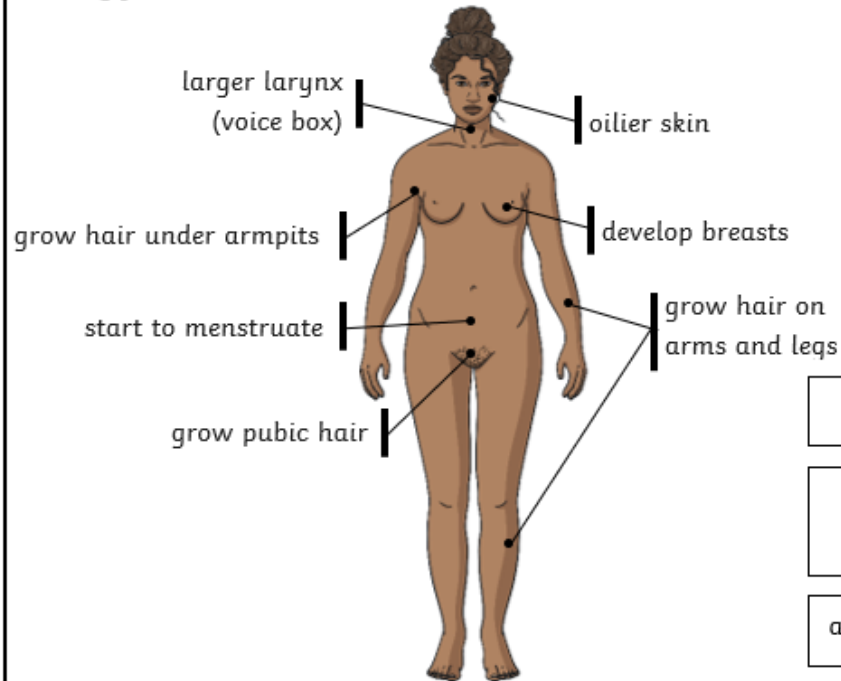
Classification: To know how to categorise more difficult areas of science e.g. reversible and irreversible changes.

Observing Patterns: To know how to make systematic and careful observations (How does age affect height?)

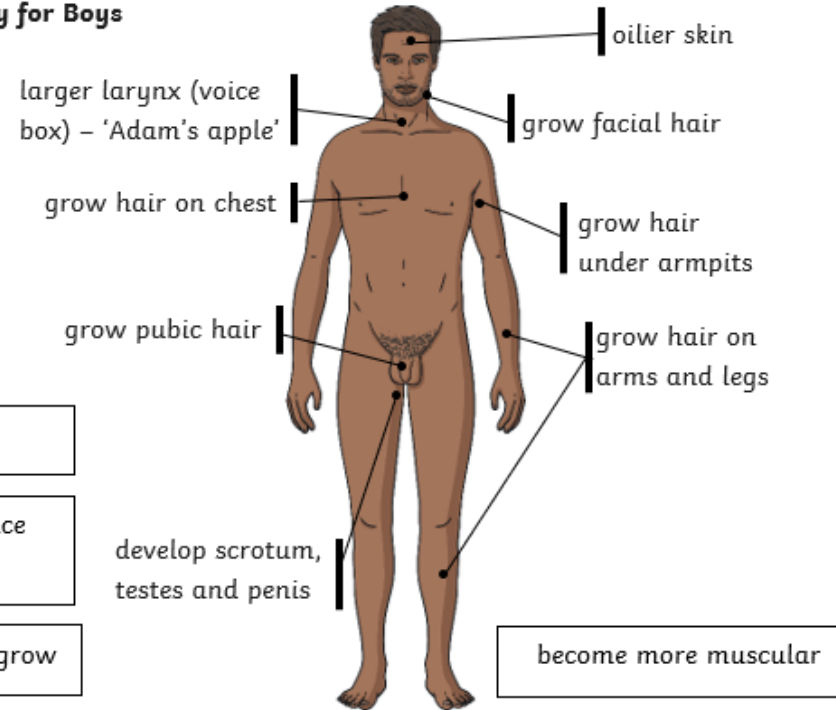
Drawing Conclusions: To know how to use their results to make predictions to set up further comparative and fair tests with support.

Key Knowledge

Puberty for Girls



Puberty for Boys



grow taller

sweat glands produce more sweat

all parts of the body grow

Key Vocabulary

adolescence	The stage of development between childhood and adulthood .
puberty	The period of physical change that happens during adolescence.
menstruation	When the female body discharges the lining of the uterus. This happens approximately once a month.
adulthood	The stage of development when a human is fully grown and mature.
life expectancy	The length of time, on average, that a particular animal is expected to live.