


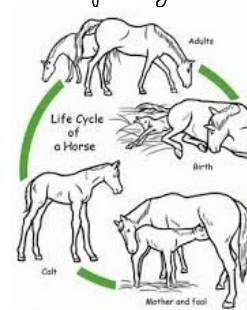
Science: Living things and their habitats

- ◆ An animal's local environment changes during the year.
- ◆ These changes can contribute to their life cycles. These include; mammals, amphibians, insects and birds. They have some similarities and differences.
- ◆ There are two types of reproduction—sexual and asexual. In sexual reproduction, cells called gametes are split into male and female gametes. Fertilisation occurs when these gametes meet.
- ◆ In asexual reproduction, a single organism or cell makes a copy of itself. The genes of the original and its copy will be the same, except for rare mutations.
- ◆ A mammal is a warm-blooded vertebrate animal that has hair/fur and the females secrete milk for the young.
- ◆ The work of scientist, Jane Goodall has influenced scientific thinking.

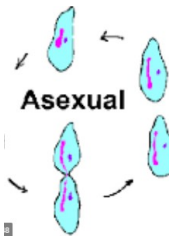
Mammals



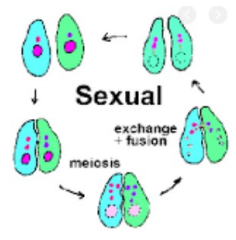
Life Cycles



Asexual



Sexual



Sexual and Asexual Reproduction

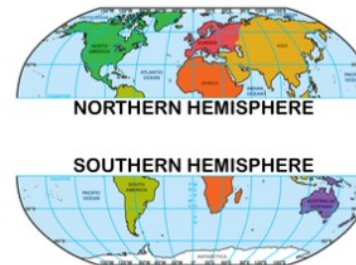
Vocabulary

- | | |
|--------------|--------------|
| bird | omnivore |
| fish | life cycle |
| amphibian | reproduction |
| reptile | movement |
| mammal | asexual |
| invertebrate | respiration |
| carnivore | sexual |
| herbivore | sensitivity |

Geography: Key Knowledge

- ◆ The weather and climate can effect land use and food production.
- ◆ Different fruits and vegetables are grown depending on the location and climate.
- ◆ Certain foods can grow in specific countries and parts of the world based on the countries location in either the Northern and Southern hemisphere.
- ◆ The Tropic of Cancer is an imaginary latitude line above the equator, while the Tropic of Capricorn is an imaginary latitude line below the equator.

Northern and Southern Hemisphere



Tropic of Cancer and Capricorn



Vocabulary

- | | |
|------------|------------------|
| allotment | Equator |
| farming | Tropic of Cancer |
| climate | Capricorn |
| land use | hemisphere |
| topography | agriculture |
| production | community |
| arable | |

Design Technology: Key Knowledge

- ◆ Vegetables are grown around the world. The vegetables we buy can be grown abroad or in the UK. Labels on pre-packaged fruit and vegetables usually tells you where it was grown.
- ◆ Seasonality means when something happens or needed during a particular time of the year, or normal for a certain time of year. Certain vegetables have a specific time of the year that are best for their growth—this is useful when cooking.

Seasonality



Jan	Feb	Mar	Apr
May	Jun	Jul	Aug
Sep	Oct	Nov	Dec



Food labels—product of the USA

Vocabulary

vegetables	specific
grown	expertly
feedback	product
labels	particular
seasonality	nutrition

Art: Key Knowledge

- ◆ Henri Rousseau was a French painter—he is considered to be the greatest master of art. He is known for his painting of nature and jungle scenes.
- ◆ His use of line, colour and texture to create form inspired others and will hopefully also inspire you!
- ◆ Before creating a final draft of a drawing, you must practise sketching out the main aspects—in this case, leaves and plants.

Henri Rousseau



Vocabulary

Henri	sketch
Rousseau	leaves
painter	plants
jungle	texture
scenes	

All about mammals



How do we get our food?



How to safely cut vegetables



How to create texture

