|  |
| --- |
| Year 6 Science – Evolution & Inheritance - Spring 1 & 2 |
| What should I already know? | What am I going to learn in this unit? | Vocabulary I need to know |
| * Make connections between the features of their family and other families.
* Notice differences between people.
* Begin to understand the need to respect and care for the natural environment and all living things.
* Notice that animals, including humans, have offspring which grow into adults.
* Recognise that environments can change and that this can sometimes pose dangers to living things.
* Describe the life process of reproduction in some plants and animals.
 | * I can recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago
* I can recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents
* I can identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution
* I understand how Charles Darwin and Alfred Wallace developed their ideas on evolution
* I understand how living things on earth have changed over time.
* I can recognise that characteristics are passed from parents to their offspring
* I can observe and raise questions about local animals and how they have adapted to their environment
* I can compare how some living things have adapted to survive in extreme conditions
* I can analyse advantages and disadvantages of specific adaptations
 | FossilsFossils - British Geological Survey | The remains or impression of a prehistoric plant or animal embedded in rock and preserved in petrified form. |
| AdaptationGiraffes: Behavioral Adaptations | The process of change by which an organism or species becomes better suited to its environment. |
| EvolutionHow Did Humans Evolve? - HISTORY | The process by which different kinds of living organism are believed to have developed from earlier forms during the history of the earth. |
| InheritedX-linked recessive inheritance - where the mother is a carrier for a  condition - Genomics Education Programme | A quality, characteristic, or predisposition derived genetically from one's parents or ancestors. |
| CharacteristicsCharacteristics | A feature or quality belonging typically to a person, place, or thing and serving to identify them. |