

Y6 Science – Living things and their habitats

Knowledge

I can describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals.

I can give reasons for how plants and animals are classified based on specific characteristics

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 know that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents

I know that animals and plants can adapt to suit their environment in different ways and that adaptation may lead to evolution.



Cross Curricular links/Past knowledge

T1 year 6 Science: Previous knowledge about fossils learnt.

Y5 Science: life cycles of animals and reproduction of plants.

Y4 Science: classification of living things.

Y3: rocks - what a fossil is and how it is formed and the type of animals found in sedimentary rock.

Y2 – Off spring

Cross curricular links: Importance of Trees (T4)

Vocab

classification, classification keys, divided, sub divided, vertebrates, invertebrates, micro-organisms, microbe, reproduce, evolution, fossils, identical, offspring, adaptation, inheritance, mutation, genetics, biology, process, decay, minerals, erode, layers, cross breeding, selective breeding, characteristics, fungus, mushrooms, environment, fish, amphibians, reptiles, birds, mammals, ancestor, mutations,

Working Scientifically

- I can make a series of relevant observations about how animals have adapted over time.