

Topic: All living things

Term:

Year 5

Duration: weeks



## Eden Park Primary School Knowledge Organiser



### Prior Knowledge

- Recognise that living things can be grouped in a variety of ways.
- Explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment.
- Recognise that environments can change and that this can sometimes pose dangers to living things.

### **The Powerful Knowledge we will take away from this science topic:**

- Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird. – describe the life cycle of common plants.
- Describe the life process of reproduction in some plants (and animals.)
- Can they explore the work of well-known naturalists e.g. David Attenborough and Jane Goodall?

Word	Example
Germination	When a seed first starts life
Pollination	Transfer of pollen to a stigma to allow fertilisation
Seed formation	Process of a seed growing
Pollen,Stamen Stigma,Anther Filament,Style	Parts of a flower – involved in plant reproduction
Asexual reproduction	Only one parent needed to create an exact copy of itself.
Sexual reproduction	Two parents needed to make offspring which are similar to them
reproduction	Make new living things.

### **Investigation**

Flower dissection. (Lilies are best, daffodils ok).

Working scientifically:

Record data using **labelled diagrams**, keys, tables and charts.

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