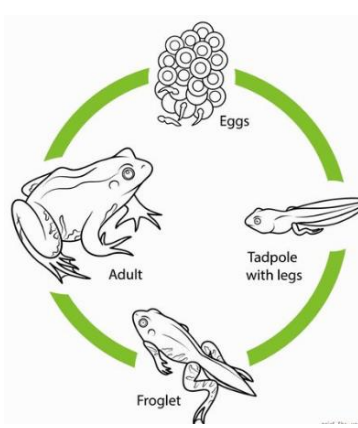


# Knowledge Organiser Year 5 (Autumn 2022)

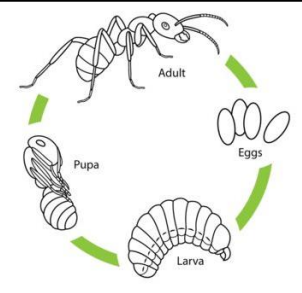
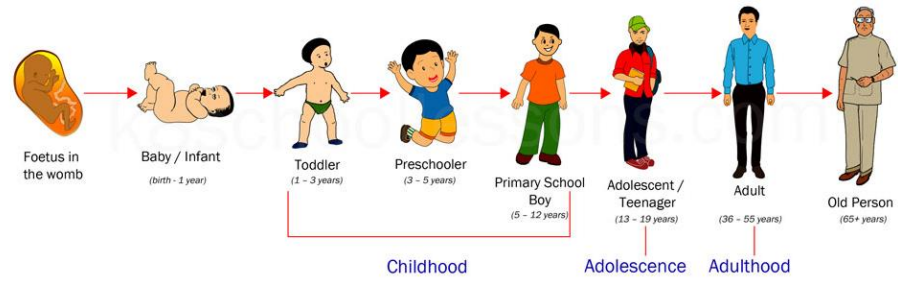
We learn science because it helps us to understand the world around us. We learn to ask and answer our own and others' questions, how to work practically to test ideas fairly, to record observations and to tell others what we have found out.

## Evolution and inheritance

| Key Words       |                                                     |
|-----------------|-----------------------------------------------------|
| <b>Foetus</b>   | A baby before it is born.                           |
| <b>Infant</b>   | A very young child.                                 |
| <b>Toddler</b>  | A slightly older child who can walk.                |
| <b>Teenager</b> | A child between the ages of 13 and 19.              |
| <b>Adult</b>    | A fully grown animal or person.                     |
| <b>Elderly</b>  | A person or animal approaching the end of its life. |



Both amphibians and insects undergo metamorphosis but for different reasons. Amphibians change their habitat when they are mature, going from living in water to living on land meaning their bodies need to adapt to fit this. Insects have an exoskeleton that doesn't grow with their bodies so they must shed this and grow a new one before they can grow larger.



## Fossils



Scientists use fossils to discover what life used to look like millions of years ago. Fossils like this *Archaeopteryx* helped scientists to discover the link between dinosaurs and birds.

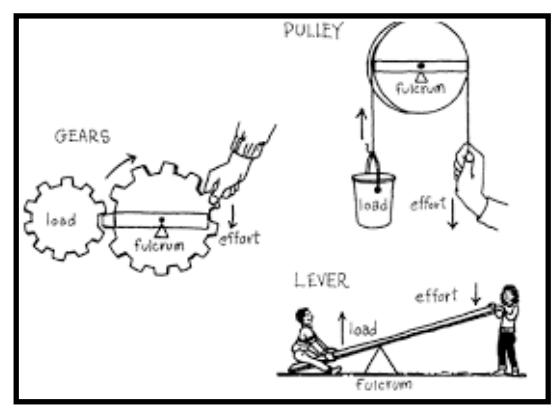
## Sound

The roar of a lion is low pitched.

The squeak of a mouse is high pitched.

long sound waves create a low pitch  
short sound waves create a high pitch

## Forces



## Animals including humans

### HEALTHY HABITS For Healthy Kids

- STAY FIT**
  - Get about eight hours of sleep each night.
  - Do some form of exercise every day: run, walk, stretch, play.
- STAY HEALTHY**
  - Practice good hygiene by keeping yourself clean and germ free.
- STAY HAPPY**
  - Make good choices every day for a happy, healthy YOU!
- STAY ENERGIZED**
  - Eat nutritious meals and snacks daily. Include foods from these groups: dairy, grains, protein, vegetables, and fruits.

