

## Key Stage 1 - Forest Academy

### Science Knowledge organiser – Animals Including Humans (Life Cycles and Basis Survival)

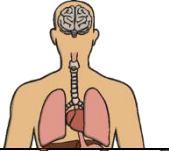
#### Children will learn:

- to notice that animals, including humans, have offspring which grow into adults.
- to find out about and describe the basic needs of animals, including humans, for survival.
- to identify and name a variety of common animals.

#### What do Humans Need to Survive?

There are many things that humans like to have to make their lives more enjoyable or more comfortable. But there are only a few things that we really need.

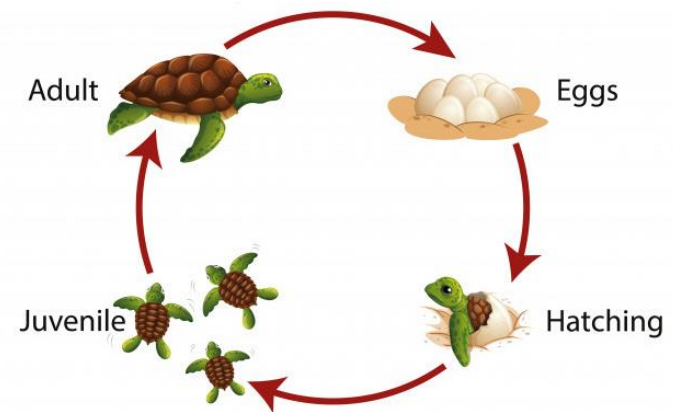
##### Basis Needs of a Human

|         |                                                                                     |                                                                                                                  |
|---------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Food    |    | Humans need food to give them energy.                                                                            |
| Water   |   | Humans get water through drinking and eating.                                                                    |
| Air     |  | Humans breathe in air through their nose or mouths and into their lungs.                                         |
| Shelter |  | Humans need shelter to provide them with a safe place to rest. It protects us from getting too wet, hot or cold. |

#### Key Vocabulary

|            |                                                              |
|------------|--------------------------------------------------------------|
| adult      | A fully grown animal or plant.                               |
| baby       | A very young child.                                          |
| growth     | To develop and become stronger.                              |
| life cycle | The changes living things go through to become an adult.     |
| offspring  | The child of an animal.                                      |
| old        | An animal that has lived a long time.                        |
| reproduce  | When living things make a new living thing of the same kind. |
| survival   | To remain alive.                                             |
| young      | Offspring that has not reached adulthood.                    |

#### Life Cycle of a Turtle

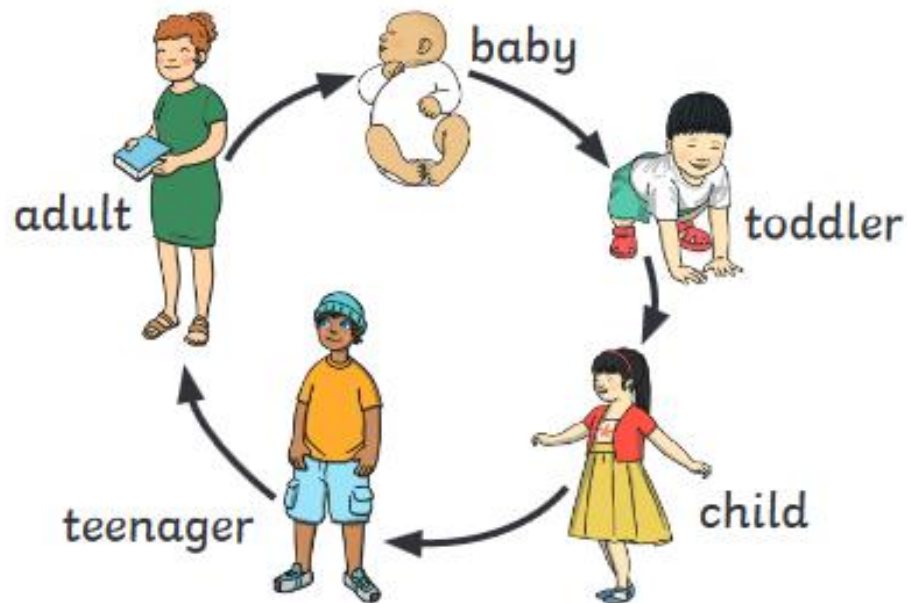


## How to Look After a Baby

- Plenty of sleep
- Regular feeds
- To be bathed
- Nappy changes
- Warm and comfy clothing
- Love and attention

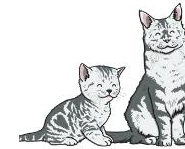


## Life Cycle of a Human



## Animal Offspring

Some animals give birth to live young. Their offspring normally look like them when they are born.



Other animals have offspring which do not look like them, e.g. fish and amphibians.



| Animal |                                                                                       | Offspring |                                                                                       |
|--------|---------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------|
| Horse  |   | Foal      |   |
| Cow    |  | Calf      |  |
| Dog    |  | Puppy     |  |

