## Knowledge Organiser Strand: Science—Living things & their habitats & Animals including humans.

Year 5 Spring Term 2022 — Can we make a difference?



#### What should I already know?

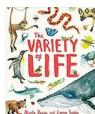
- The groups: mammals, birds, insects and amphibians
- How to identify and name a variety of plants and animals
- A range of different habitats around the world and their conditions
- Food chains

#### Key Vocabulary

asexual reproduction, sexual reproduction, reproduce, fertilise, fertilisation, gestation, life cycle, metamorphosis, pollination, mammals, reptiles, amphibians, offspring, pollen, ovule, style, stamen, stigma, identical, infancy, prenatal, childhood, adolescence, adulthood, cells, puberty, life expectancy, foetus.

### Resources to help me with my learning!

Books: Creature Features & The Variety of Life





National Oak Academy website: Year 5 reproductive cycles.

# What will I know by the end of these units?

- I know which creatures lay eggs and which carry their young.
- I know examples of mammals, birds, reptiles and amphibians.
- I know the features of a mammal.
- I know the life cycles of mammals, amphibians, insects and birds.
- I know some similarities and differences in life cycles.
- I know that mammals produce their young through sexual reproduction and gestation.
- I know that during gestation human cells develop into a foetus.
- I know that human gestation is around nine months.
- I know that human offspring develop through the baby and toddler infancy stages; then through childhood, adolescence and adulthood.
- I know that puberty occurs during adolescence