

## Science Vision Map

### Year 5 – Animals including humans

#### **Crucial Knowledge**

- Mammals are animals that breathe air, have a backbone and grow hair (fur).
- Gestation is how long a mammal carries her offspring(babies) inside of her before birth.
- A foetus is an unborn mammal.
- Puberty is a time when a body changes happen: from a child to an adult.
- Male and female bodies have similar and different changes during puberty.
- Hormones are chemicals inside the body that tell the body to do/feel certain things (such as grow).
- An organ is a part of the body that does a special job.

#### **Intent**

- Recap: Animals including humans (Year 4)
- Gestation in different animals
- Development of a human foetus (fetus)
- Growth and change:
  - baby and child (including charts)
  - puberty
  - adults and old age
- Vital organs:
  - Brain
  - Heart
  - Kidneys