

Alder Coppice Primary School — Knowledge Organiser

Subject: Science

Year: 5

Unit 2: Growth & Change

Links to: Y2, Y3 & Y4 Biology

What I Should Already Know:

- that animals, including humans, have offspring which grow into adults
- that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food;
- that humans and some other animals have skeletons and muscles for support, protection and movement

Skills & Enquiry:

- What are the parts of the human life cycle?
- How do babies develop before they are born?
- What happens to our bodies as we grow older?
- How do we know so much about our bodies?

Unit Specific Vocabulary:

Acne – a skin condition suffered during puberty

Adolescence – the time that a teenager begins their development into becoming an adult

Adult – the time in your life when you have reached physical and intellectual maturity

Baby – from 0 – 2 years

Child – from 3 – 12 years

DNA – The basic structure which determines who we are.

Foetus – an unborn baby

Gestation – The time that a baby spends growing inside its mother's womb

Hormones – a substance in the body that starts certain cells working

Marsupial – An animal with a short gestation period and whose baby develops further in a sack-like pouch.

Old age – the last stage of the human life cycle

Puberty – The time when a child begins their maturity into an adult.

What I should know by the end of the Unit:

- The parts of the human life cycle and common features of each.
- Some of the changes in boys and girls during puberty.
- Not all mammals carry their babies for the same amount of time.
- What happens to our bodies as we reach old age and why.

Key Facts :

