

Science Y2 Spring 2 – Animals including humans

In this unit of work the children will name and order the stages of a human's life and compare the stages. They will set up a test, collect results and draw conclusions to answer the question – 'Older children are faster than younger children'. They will sort food into the 5 groups and discuss their importance in a healthy diet and evaluate what they eat. The children will also think scientifically about the effects of exercise on their body.

In this unit children will:

- Notice that animals including humans have offspring which grow into adults.
- Find out about and describe the basic needs of animals, including humans for survival (water, food and air)
- Describe the importance of exercise, eating the right amounts of different types of food, and hygiene for humans
- Name and order each stage of a human's life. Using photographs order their life up to now, finding similarities and differences.
- Identify the changes in an animal lifecycle e.g. butterfly and frog
- Write questions to find out how to look after a baby - younger siblings
- Know that good hygiene is important for preventing infections and illnesses and investigate germs on their hands using pepper and soap
- Understand the benefits of regular exercise
- Name and classify foods in a range of ways using the Eatwell guide.
- Design 3 meals for a healthy balanced diet, identifying their own eating habits and evaluating their diet

Create their own investigation to find out if older children are faster than younger children and discuss the effect of exercise on their bodies

Prior Learning

Year 1 Identifying and labelling parts of the human body and the associated senses.
Naming a variety of common animals

Cross Curricular Links

Maths – Counting

Geography - Native animals - categorise and discuss their babies

Key Vocabulary

Human – All people who are born.

Human Timeline – The different stages of a human's life in age order.

Basic needs – What you need to stay alive.

Balanced diet – Eating a wide variety of foods from each food group to give you all the goodness you need to be healthy.

Carbohydrates – Foods which provide your body with energy.

Vitamins and Minerals – Nutrients which our body needs to function healthily.

Protein– Builds our muscles.

Calcium– Needed to keep our bones and teeth strong.

Personal Hygiene – Things which you do to keep yourself clean and healthy.

Immune System – Helps protect us against diseases.

Muscles – Enable us to move and live.

