



Shadsworth Junior School



Curriculum

Year 3 Scheme of Work

Term: Summer Two

Topic: Science – Animals / humans

Key Skills and Knowledge:

Animals including humans.

- Identify that animals and humans need the right types of nutrition, and they cannot make their own food, they get nutrition from what they eat.
- Identify that humans and some other animals have skeletons and muscles for support, protection and movement.

Working scientifically

- Ask relevant questions about why some animals are vertebrates and invertebrates.
- Gather, record, classify and present data in a variety of ways to help in answering questions about animals incl. humans
- Identify differences, similarities or changes related to simple scientific ideas and processes of animals including humans.
- Use straightforward scientific evidence to answer questions or to support his/her findings about why humans need a balanced diet.

Reading and Writing Opportunities (Long and Short Activities)

Creative Ideas and Hooks

Making model of muscles contracting and relaxing.
 Draw around child and draw on the skeleton on back of wallpaper or display paper.
 Label skeleton on a real person.
 Food diary

Links to PSHCE, Equality and British Values Work

Healthy eating, balanced diet.
 Benefits of exercise – not just physically but on mental health.
 Discuss/debate poverty and how this can affect diet and exercise.
 Disability- what happens/how people adapt if someone's body is born different or becomes different after birth.
 Important women- Marie Curie 1867-1904 – helped to develop the x-ray machine.(diversity in science)

Key Vocabulary:

Resources Available / Visits/Visitors

Useful Websites:

Bones, skeleton, exoskeleton, invertebrate, vertebrae, muscle, contract, relax, joints, Diet, nutrition, exercise, strength, protection, flexible, support.

BRFC – GULP campaign
 Healthy eating dinner plate game
 Body part bingo
 Model skeleton
 School nurse visit?

<https://www.youtube.com/watch?v=SiBzCpg6vu8>
<https://www.youtube.com/watch?v=9jqaW-su-H0>
 - bones
https://www.youtube.com/watch?v=UGSi_HwgX0k - muscles

Previous knowledge:

Identify group and classify
 Animals reproduce and have offspring
 A+H basic needs- food, water and air.
 Important for humans to have exercise, right types of food and good hygiene.