



St James' Church of England Primary School

Science Overview Sheet



Year 2 – Health



Rationale: Pupils should be introduced to the basic needs of animals for survival, as well as the importance of exercise and nutrition for humans.

They should also be introduced to the process of reproduction and growth in animals [humans]. The focus at this stage should be on questions that help pupils to recognise growth; they should not be expected to understand how reproduction occurs.

Growing into adults can include reference to baby, toddler, child, teenager, adult.

Pre-unit task: Knowledge Organiser Quizzes

Working Scientifically:

- *Observing, through video or first-hand observation and measurement, how humans grow.*
- *Recording their findings using charts.*
- *Asking questions about what things humans need for survival and what humans need to stay healthy.*
- *Suggesting ways to find answers to their questions.*

Statutory Requirements:

- **Notice that humans, have offspring which grow into adults.**
- **Find out about and describe the basic needs of humans, for survival (water, food and air).**
- **Describe the importance for humans of exercise.**
- **Eating the right amounts of different types of food, and hygiene.**
 - Medicines can be useful when we are ill.

Medicines can be harmful if not used properly.

Overview:

Lesson 1: Animal Offspring - To match, sort and group young animals and their adults.
Lesson 2: Life Cycles - To find out how animals change as they grow into adults.
Lesson 3: Growing up - To compare the stages of the human life cycle.
Lesson 4: Survival - To research and describe what animals, including humans, need to survive.
Lesson 5: Exercise - To test the effects of exercise on the human body.
Lesson 6: Healthy Living - To investigate the importance of healthy eating and hygiene.

Cross Curricular Links

Resources

scissors • Glue sticks • Writing equipment • Flipchart paper • Stopwatch/timer if completing 'Making Observations' out of the classroom • Supervised access to laptops/ tablets/computers for viewing the eBook if this is not printed • Any relevant non-fiction books • soap, water and paper towels for the 'Removing Germs

Assessment

Most Children will: Children can identify several foods according to the basic food groups and can talk about the importance of a balanced diet. They can explain how to be hygienic and why this is important. Children can identify and match several animal offspring and their adult forms. They can describe the main characteristics of the offspring found in different animal groups.

Less Able Children will: With support, children can identify some foods according to the basic food groups. They can start to explain how to be hygienic. Children can notice what happens when we do exercise and, with support, talk about the importance of exercise for the human body.

More Able Children will: Children can identify a range of foods according to the basic food groups and can talk about the importance of a balanced diet. They can confidently explain how to be hygienic and why this is important. Children can identify and match a wide range of animal offspring and their adult forms. They can describe, in detail, the key characteristics of the offspring found in different animal groups.