

Y2 Science – Animals, Including Humans

Targets to be covered:

- I can recognise why hygiene is important and what I must do to be hygienic.
- I can describe what should be included in a human's balanced diet.
- I can describe the importance of exercise for humans
- I can identify what the basic needs are for animals, including humans, for survival.
- I can describe the basic needs of animals, including humans, for survival

Working Scientifically –

1. Observe closely, using simple equipment.
2. Perform simple tests.
3. Use their observations and ideas to suggest answers to questions.
4. Gather and record data to help in answering questions.

Lesson	Order of Study –
1 BQ – What are the 5 basic needs for human survival?	<u>LI: I can identify what the basic needs are for animals, including humans, for survival.</u> <u>LI: I can describe the basic needs of animals, including humans, for survival.</u> Scientific Enquiry: Research using secondary sources. PRE-ASSESSMENT Review – what is a human? Label the parts of the human body and recap senses. Look at the 'Keeping me healthy' book. Use the powerpoint to discuss the 5 things humans need to survive (water, food, sleep, air, shelter). Why are each of these things important? Children to complete sheet, showing the 5 things – writing and drawing. <u>Learning journey</u> The basic need I think is most important to survive is..... I think this because.....
2 BQ – Why is hygiene important?	<u>LI: I can recognise why hygiene is important and what I must do to be hygienic.</u> Scientific Enquiry: Review – what are the 5 basic needs of survival for humans and animals? Ask the children if they know what the word hygiene means? Refer back to knowledge organisers if they do not know. Go through powerpoint, discussing why hygiene is important and what parts of our body are important to wash regularly – how do we wash? Do we use different methods for washing different parts of our bodies? Why? Should some parts of our bodies be washed more often than others? Why? Children to complete the sheet about hygiene. <u>Learning journey</u> I think washing your is most important because

3 BQ – What are the different food groups and why do we need them all?	<u>LI: I can describe what should be included in a human's balanced diet.</u> Scientific Enquiry: Pattern Seeking. Explain to children that we are going to be looking at a balanced diet and what that means. Do any children already know? Go through powerpoint explaining the food groups and why each one is important – we need all of them for a balanced diet. Children to create their own healthy eating plate – cutting and sticking foods into the correct section of the 'plate'. <u>Learning Journey</u> I know that we need..... as part of our balanced diet because.....
4 BQ – Why is it important for humans to exercise?	<u>LI: I can describe the importance of exercise for humans.</u> Scientific Enquiry: Pattern Seeking. Review: What is a balanced diet? What is exercise? Can the children think of any examples? Make a list as a class of as many forms of exercise as possible. Next to this, make a list of how exercise makes you feel. It might make you feel tired but it also makes you feel good! Complete experiment of all children having 5 different exercises (eg. Hopping, star jumps, walking on the spot, running on the spot, jumping) Complete sheet to say how many of each exercise they could do in 1 minute, how it made them feel and which parts of their bodies they were exercising. Children to then put these exercises in order of difficulty. <u>Learning Journey</u> I know that humans need to exercise because.... POST-ASSESSMENT