

Cross Curricular Homework: YEAR 5

This half term, we are looking at Plants, Animals and Humans

For each week's homework, you will need to choose a minimum of one activity within that row. The homework will need to be in on every Wednesday (Try to push yourself to do some of the choices on the right hand side). Your homework must not be rushed, untidy or printed straight off the internet. We want quality work, please!

Knowing	Understanding	Applying	Analysing	Creating	Evaluating	
Week 1 Science	List the 7 life processes that all living things have in common. Use illustrations to help.	Explain the 7 life processes in detail giving examples for each.	Pick a living thing and create a poster illustrating how this plant/animal relies on each one of the seven life processes.	Using your knowledge of the 7 life processes suggest a living thing (plant or animal) that does not rely on each of the processes. Give reasons for your suggestion.	Draw your own invented plant or animal and describe how it is similar and how it is different to other plants and animals making reference to the 7 life processes. Be as imaginative as possible.	Why are bees so important to the life cycles of different flowering plants? What impact would the extinction of bees have on humans and other animals?
Week 2 Maths	Find out how long trees can live for. What types of trees live the longest?	Find out about the life cycle of a mayfly. How long do they live?	Create a frequency chart or bar graph of the different animals and birds you see in the wild during one week.	Find out about the wing spans of different birds. Which birds have the longest wing span and which birds have the shortest? What are their wing spans?	Create a poster about the blue whale. Include information about their average length and weight.	Sheffield has the highest ratio of trees to people of any city in Europe. Find out what that ratio is and write about why this is a good thing for people living in Sheffield.
Week 3 Art	Create an image of a flowering plant labelling each key part of the plant.	Create a poster to explain the life cycle of a plant to other children in the school.	Create a model of a flowering plant based on your research of the different sections of a plant.	Do an observational drawing of a plant or animal. Try to make it as detailed and accurate as possible.	Create a portrait of yourself as an adult. Imagine what you will look like and wear.	Research the art of Andy Goldsworthy, what is your opinion of his sculptures? What do you think inspires him to use nature in his art work?
Week 4 Literacy	Write a poem which assists in remembering and explaining the 7 Life Processes.	Imagine you are a seed pod from a sycamore tree that has just been blown from the branch. Write down what you see, hear and how you feel.	Find out as much as you can about the duck-billed platypus. Imagine you are the scientist who first examined one, write a diary entry about that day.	Find out as much as you can about the duck-billed platypus. Write an information leaflet about why is it considered to be a particularly unusual mammal?	Create a calligram or shape poem about the life cycle of your choice of animal include as much information and description as you can.	Write your own version of the following about a plant or animal of your choice. "What animal walks on all fours in the morning, two in the afternoon and three in the evening?" The answer is man, since he crawls as a child then walks and uses a cane when he gets older.
Week 5 Music	Create a list of music that has been inspired by	Write a song which assists in remembering	Explain why birds sing in the morning (the dawn chorus).	Listen to bird song and write about how it makes you feel. Also, think about	Make a musical instrument that imitates a sound in nature. This	Write a brief explanation of why you think people might write

	sounds in nature, for example, birdsong.	and explaining the 7 Life processes.		what you did or didn't like about it.	could be linked to bird or animal noises or the weather.	music that is inspired by sounds in nature.
Week 6 Geography	Create a table to compare an Arctic fox and a red fox. Think about how their camouflage helps them blend into their environment.	Find out why giraffes have such long necks and why an anteater's tongue is so long. What is the process called that has led to these features developing?	List three animals that have developed particular characteristics based on their environment. Explain what these characteristics are and why they have developed in this way.	The peppered moth changed colour from white with black spots to entirely black, why did this happen?	Create a poster to warn people about the effects deforestation has on animals.	What impact is deforestation of the rainforests having on the planet? Use your knowledge of the 7 life processes to assist you in your answer.