

KPA Year 5 Home Learning for Week Commencing 8th March 2021



PSHE

L.O. To be able to identify a range of situations which involve loss and change.

Using sheet on the website, describe, in your own words how your life has been different recently. What caused these changes and why did they need to happen?

Draw a picture to show how your life has been different.



Science

Vaccines have been in the news a great deal lately. Find out more about one of the great pioneers of vaccination, the English scientist Edward Jenner.

<https://www.bing.com/videos/search?q=pasteur+and+vaccines&ru=%2fvideos%2fsearch%3fq%3dpasteur%2band%2bvaccines%26%26FORM%3dVDRVXX&view=detail&mid=F8174364A3BB7A1EAB6BF8174364A3BB7A1EAB6B&&FORM=VDRVVRV> Create a storyboard about his work.



Extension: British Science Week has 'Diversity' as one of its themes this year. Less is known about the contribution, made by female scientists, towards the development of vaccines. Find out what you can about the work of female scientists who excelled in this field e.g. Pearl Kendrick and Grace Enderling who developed the vaccine for Whooping Cough.

D & T

This week you will be designing a machine that will allow commercial travel through space and time. Think about the shape of your machine, its size, what 'extra' equipment it has. What do current or older spacecraft look like? Watch e.g. the following web link for ideas – don't forget to listen out for technical language that you can 'magpie' for your own machine.

<https://www.youtube.com/watch?app=desktop&v=8dpkmUjJ8xU> Or see more recent spacecraft – what type of engines are used in the Space X? What do they use for fuel?

<https://videos.space.com/m/A01LhQeO/how-will-spacexs-starship-land-elon-musk-explainhttps://www.spacex.com/vehicles/starship/s-design>

Extension: Explore <https://www.nasa.gov/kidsclub/index.html> What can you find out about space craft or possible 'time machines'?



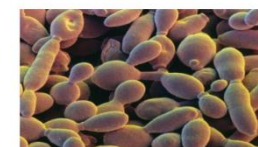
Science

L.O. To know that there are different types of micro-organism.

I can use personal research to find out more about more about micro-organisms and understand that they can be classified into different groups. I can find out about the micro-organisms that cause food to decay and those that are useful.

Research different types of micro-organism, including: bacteria, viruses and fungi. Complete comparison sheet.

Investigate the micro-organisms that cause food to decay. What factors slow/increase the rate at which food spoils.



PSHE

L.O. To recognise emotions associated with loss and change, and understand how these themselves can change.



How many feelings words can you think of? Make a list. Now sort them into positive and negative emotions. Which do you have more of? Why do you think that has happened? Explain your reasoning.

Art

Research famous paintings of the Great Fire of London. Decide which one you prefer. Explain your reasoning. Using whatever materials, you have at home, try to emulate the artist's work. Compare.

