



Oak/Jupiter Class Home Learning Week Commencing 8th March 2021



Herd Immunity Jenga

This is a very relevant experiment in current times. We are exploring how vaccines train your immune system to fight off bacteria and viruses and prevent you from getting ill. Vaccines changed our world by stopping the spread of deadly diseases and improving global health. We are going to discover how vaccines not only protect us as individuals, but everyone in our community.

You will need: a Jenga set and a Pack of 50 dot stickers.

Split light into different colours

For this activity, we are going to be looking at spectrograph. We will investigate light and study it on an atomic level with your very own spectroscope.

Follow the instructions in the Primary Activity Pack to create your own spectroscope and investigate the splitting of light.

You will need: Kitchen roll tube, Two pieces of A4 black card, Transparent CD, Roll of packing tape, Pencil, Glue, Pair of scissors.

What Colour Was My Lockdown?

Using colouring pencils or oil pastels (if you have them) think about what colour your experience of lockdown was. Can you create a picture by blending different colours together to create an overall picture of what your lockdown looked like.

Can you write an explanation of what each colour represents.

See example if needed.

Visualising classrooms of the future

Read about what a pre-vis supervisor does here: [News & Views - Celebrating British Science Week 2021 - News - Into Film](#)

Think about what classrooms might have looked like in the past. (Remember our Victorian Topic).

Draw a picture to show what teaching and learning was like in the past. Based on your own experience, draw another picture to represent your experience of 'lockdown' learning. Think of objects or places that could represent what it was like to learn at home. Get creative and draw a picture of how you imagine teaching and learning might look like in the future. Label your images with any instructions a Director might need to turn your pictures into a film.

Does the appearance of food affect how it tastes?

For this experiment, we are going to conduct a blind taste test to see if the appearance of food affects the way it tastes. For this taste test you will need at least 3 different versions of a type of fruit or veg e.g. a regular shaped carrot, a small squashed carrot and a bumpy carrot. We are going to predict and find out whether regular shaped veg tastes better than irregular shaped veg.

Think about these questions: Where do fruit and vegetables come from? Have you ever been to a farm? What did you see? What are your favourite fruits and vegetables? Can these be grown in the UK?

What makes a good learner?

LO: To have an understanding of what makes a 'good learner'.

Work through the PowerPoint and think about what makes a good learner? How can you have growth mindset?

Can you think back to our class rules?

Can you create a class poster with our class rules, and how we act in our class to show that we are all 'good learners' and we have a growth mindset.

Mother's Day.

Work through the PowerPoint. Can you think about what your support network looked like during lockdown? Who did you have? What makes them special? This could be anyone you had contact with, including zoom and phone calls!

Can you create a Mother's Day card. You can follow the PowerPoint for help with your design or you can design your own. Make sure you tell your mum why she is so special to you!

All experiments are taken from the BSW primary activity pack. Follow the link for further instructions on each experiment.

[BSQ_BSW_PACKS_0221_Primary_v15.pdf \(britishscienceweek.org\)](#)