

Science Department Recommends ... Half Term Fun

All ages will enjoy taking part in these various activities over half term.

- **Glasgow Science Centre** are running a virtual 3 day festival from **18-20 February**, celebrating the diversity of the planet and the dangers it faces.

Explore the site below to enjoy a range of videos, activities, games and workshops suitable for all ages.

[Curious about Glasgow Science Centre](#)

- The annual **Cambridge Twilight at the Museums** is a time when local museums open their doors to families. This year, you will be able to enjoy twilight-themed activities, games and videos **from Monday 15th Feb** by simply clicking on the link below.

[Twilight at Home | University of Cambridge Museums](#)

- The **Natural History Museum** has a wonderful selection of activities to do at home; weekly 'Homework Activities'. Click on the '*Try at home*' link or '*Discover*' link at the top of the page to take you to numerous pages of interest.

<https://www.nhm.ac.uk/take-part/try-this-at-home.html>

Year 3 & 4

Have fun with these home experiments, but don't make too much mess!

<https://www.bbc.co.uk/cbeebies/curations/science-experiments-tlgc>

Year 5

You might like to try this investigation at home as it follows on from the work we have been doing on Microbes. It is VERY important that you **do not** open the bags of food at the end of your investigation as you may have grown some pathogens. You must check with an adult before you start this experiment please.

<https://www.konnecthq.com/mold-experiment/>

https://www.exploratorium.edu/science_explorer/mold.html

Year 6

You might enjoy making some 3D models of bones and joints – this link gives you some great ideas:

<https://www.science-sparks.com/learn-about-bones/>

Year 7

Carrying on from our lessons on Respiration, you might like to carry out this investigation on diffusion, which we normally do when we are in the labs. PLEASE make sure you have an adult working with you when using hot water. I would suggest you just use hot water from a tap and **NOT** from your kettle

[https://www.science-sparks.com/get-the-kids-to-make-your-cuppa-investigating-teabags/#:~:text=As%20the%20water%20is%20added,trigger%20diffusion%20of%20the%20leaves.&text=The%20addition%20of%20heat%20\(from,faster%20than%20at%20room%20temperature.](https://www.science-sparks.com/get-the-kids-to-make-your-cuppa-investigating-teabags/#:~:text=As%20the%20water%20is%20added,trigger%20diffusion%20of%20the%20leaves.&text=The%20addition%20of%20heat%20(from,faster%20than%20at%20room%20temperature.)

OR this one

<https://www.eequalsmcq.com/Tea%20bag%20diffusion.pdf>

Year 8

You may enjoy having a go at some of the fun experiments on this website:

<https://www.sciencefun.org/kidszone/experiments/>