

Finished your work? Let's SCIENCE!

Issue 7

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Key Stage 3 section:

Hop to it with origami frogs!

In this [video](#) you can learn the art of origami and [create a jumping frog](#). Of course once you've made a few frogs it opens up the doors for some research. Do you explore the colours of endangered frogs and colour yours in to match? Or make them in different sizes and materials to find out which can hop the farthest? The choice is yours!

Key Stage 4 section:

Lockdown anatomy with Prof. Alice Roberts.

Professor Roberts teaches anatomy to students at the University of Birmingham and just like your teachers, she has taken her teaching online. She has started releasing anatomy videos on [her YouTube channel](#). If you are interested in more anatomy go to [this website](#) where you can explore human anatomy in 3D for free.

Science stories this week

[Noisy cicadas are widely misunderstood](#)

[Artificial red blood cells may be even better than real ones](#)

[Revolutionary microscopy technique sees individual atoms for the first time](#)

[Arctic Circle oil spill](#)

[Britain goes coal free as renewables edge out fossil fuels](#)

Experiments you can do at home

Staying with the theme of making a watery mess at home, this week's experiment is the [waterproof hanky!](#) Part magic trick, part physics, part total disaster if your hanky is not tight enough. If you want to investigate further with your family you could do the same with Clingfilm over the mouth and prick small holes one at a time. What happens?

Citizen science

Science can produce a LOT of data. Sometimes, there is too much for the scientists to look at themselves. This is where you can help, right now, to improve our understanding of the world around us. Each week we will showcase a different citizen science project that you could get involved with.

This week's project is Monkey Health Explorer which is studying the health of rhesus macaque monkeys by looking at their white blood cells. [Click to join this project.](#)

Science on the iPlayer

[Do try this at home:](#) Dr Chris and Dr Xand are bringing you experiments to try at home. Fun and educational!

[Ocean autopsy:](#) Dr Helen Czerski and Dr George McGavin carry out an 'autopsy' on the North Sea itself.

[Earth's Seasonal Secrets:](#) A programme celebrating how animals and plants rise to seasonal challenges.

Eyes to the sky

This week, track down the asterism known as the Great Diamond. Asterisms are patterns of stars that exist alongside the officially defined constellations. [Here's how.](#)