

Finished your work? Let's SCIENCE!

Issue 2

30th April 2020

Key Stage 3 section:

Go on a spider safari!

Why not go on safari around your home? Carefully explore where you live whilst looking for spiders. If you find one, draw what it looks like. You could also try and identify what type of spider it is. (I found a *gorgeous* false widow in my garden last week – Dr A.) A free spider ID guide can be downloaded [here](#).

Key Stage 4 section:

Making crystals.

Did you know crystals aren't just for decoration? Crystals are everywhere around us from salt to snow (and if you haven't got there yet, in your C4 topic).

If you need some inspiration or just want to make fun keepsake crystals, then try out one of these [crystal growing projects](#).

Science stories this week

[Making plants glow using mushroom genes.](#)

[Earth Day 2020 is more important than ever.](#)

[High quality copper ores found in Cornwall.](#)

[Fossil tracks tell the story of ancient crocodiles.](#)

[Britain breaks record for coal-free electricity generation.](#)

Experiments you can do at home

Comedian Rufus Hound and his son Alby make soap powered boats and learn how soap affects the way water molecules hold onto each other.

[Click to see the video.](#)

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 Power to the People where you can help find rural homes in Africa so that everyone in the world can get electrical access. [Click to join this project.](#)

Science on the iPlayer

[Pain, Pus and Poison:](#) History of medicine series with Dr Michael Mosely. (It's gruesome but in KS4 biology!)

[People of Science:](#) Brian Cox interviews scientists and the people who inspire them in these 5 minute clips.

[The British Garden:](#) Chris Packham follows five gardens over a year and uncovers animals battling for survival.

Eyes to the sky

For those of you interested in astronomy, here is some practical advice on how to get started watching the sky from your home.

[Click to go to the website.](#)