

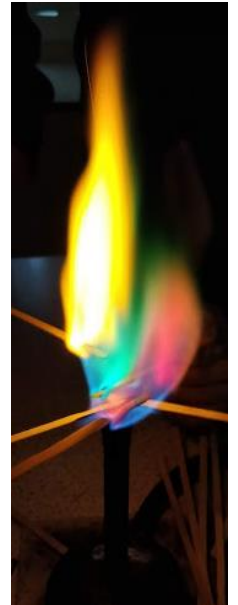
## THEALE GREEN SCHOOL TRANSITION SCIENCE ACTIVITY

**A massive welcome to TGS.  
I look forward to seeing you in Science soon!**

Have you ever wondered how trees make their own food or why the days get longer and shorter throughout the year? Maybe you have wondered about what makes the fizzy sweets fizz on your tongue? These are just some of the things you will learn about in KS3 science!

Science is everywhere, in everything you do and every question you answer. When you come to Theale Green you will start off with safety in the lab (including earning your Bunsen Burner license!) before moving on to learning all about how the world around us works.

If you really love science, you can also join our weekly Science Club, where we get to make magical potions, explore the science of art and lots of other fun activities!



### THE SUMMER SCIENCE CHALLENGE

What does a Scientist look like? Start off by drawing a stick person on some paper – make them as tall as the paper! Now add some features to make them look like a scientist. What do you think they may be wearing? What may you see in the background?

Next, you can write someone a secret Sun message. You will need a lemon, a toothpick (or paint brush) and a sheet of paper. Ask an adult to help you carefully cut a lemon in half and squeeze out the juice (or you can use pre squeezed lemon if you have some!) Then, dip the toothpick into the lemon juice and use it to write an invisible message on the paper. When it totally dries, put the paper out in direct Sunlight (it can be behind a window or anywhere else that is warm) and watch your secret message magically appear!

Want to do even more fun science over the holidays? Check out the Science Department Twitter or Instagram page and have a look at our STEM Challenges from the Summer Term.

<https://twitter.com/thealescience>

<https://instagram.com/thealegreenscience>

We would love to see your scientist pictures and photos of the STEM challenges you have tried! Please do email us pictures and videos to [transition@thealegreen.w-berks.sch.uk](mailto:transition@thealegreen.w-berks.sch.uk) . If you are happy for them to be shared on social media, please let us know. We would really like to show the rest of the year group what you are all achieving. We will also reward house points for all work shared with us – start collecting them now!

**Good luck!**