



Welcome to Science at Kings' School



Have a look at what you can do over summer to get you excited about Science at Kings' School. We look forward to welcoming you in September!

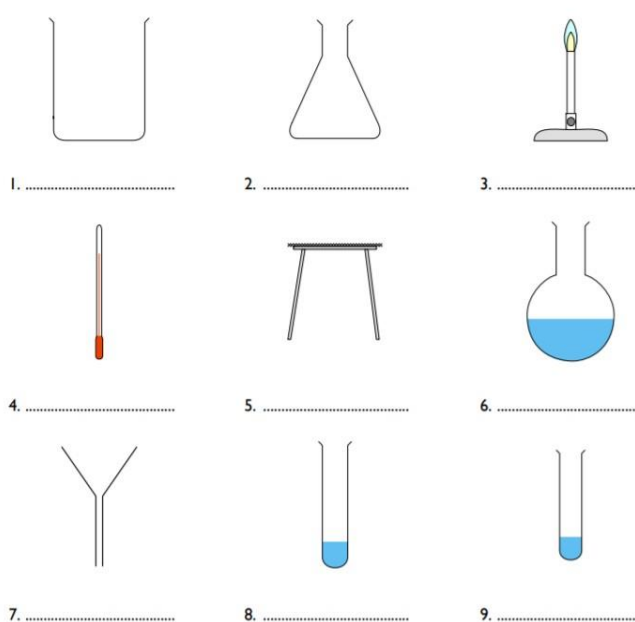
Give yourself a head start

A bit of research for you.

In Science, we use a number of symbols for our equipment (so that we don't have to draw them in lots of detail).

Can you find out which pieces of equipment are drawn in the diagrams here?

Label the following pieces of laboratory equipment



Here are our top 5 YouTube Science channels to check out!

1. Mark Rober
2. SmarterEveryDay
3. Veritasium
4. Kurzgesagt – In a Nutshell
5. TeaRex STEM Challenges



Events at the Winchester Science Centre and Planetarium

Plug in and power up! It's time to blast into 2002 for an electrifying new science show at the Winchester Science Centre from 9th July to 11th September 2022.

Why not try some of these cool experiments at home!

1

Walking Water

For this you will need: Plastic cups, water, food colouring and kitchen towel. Can you get the colours to mix?

Watch this video for more instructions: <https://www.youtube.com/watch?v=s2Jud7F478I>



2

Dissolve the Rainbow



Grab yourself a bag of Skittles, place them around the edge of a small plate. Pour some warm water onto the plate so that it just touches the Skittles. Watch the rainbow appear!

Will the colours mix together or do they remain separate? Try other sweets too. Do they act in the same way?

3

Tin Foil Boats

Have you ever wondered how a ship made of steel can float? Make little "boats" out of aluminium foil to explore how their size affects how much weight they carry.

Watch this video for more information: https://www.youtube.com/watch?v=s7bopU_N_fQ&feature=youtu.be



Do you want to watch some more cool science videos or read through some fascinating articles?

Here are some links for you to take a look at:

- Fancy trying some more science experiments? Go to **Science Fun** for some amazing ideas: <http://www.sciencefun.org/kidszone/experiments/>
- **Science News** for Students. See what is happening in the world of science! <https://www.sciencenewsforstudents.org/>

Visit your local library to see what science books they have on offer - you can borrow any book for free! We highly recommend trying any of the 'Horrible Science' books by Nick Arnold if you fancy a truly gruesome read!

