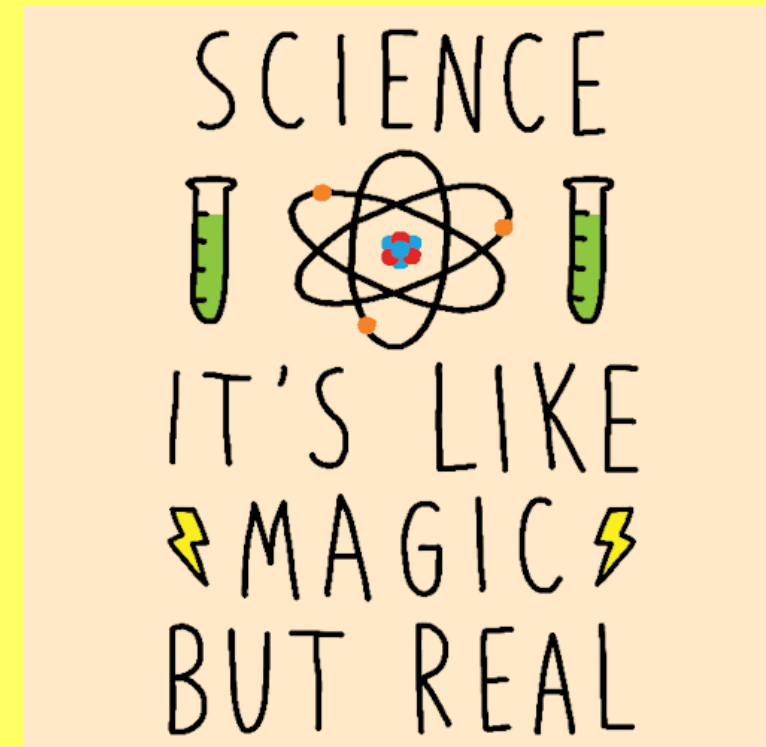


Welcome to Science at Cambourne Village College



Activities for today

- Draw and explain your ideas about what a scientist is and does.
- Look at different ideas about what a scientist is, and who can be a scientist
- Finding out about (researching) famous scientists

Section 1:

Take a piece of paper and draw what a scientist looks like.

You may choose to colour in your drawing.

Think about your drawing

(think about your answers – you don't need to write them down)

- Have you drawn a female or male?
- What does your scientist look like, why?
- What is your scientist wearing?
- Where is your scientist?
- Does your scientist look like you?
- Is your scientist old or young?
- What is your scientist doing in your drawing?

Now draw a picture of yourself doing science in school

Compare your two drawings

(think about your answers – you don't need to write them down)

- What is the same?
- What is different?
- When we do science in school, are we being scientists?

Section 2

Now we will have a look at different scientists.

Look at the next slide and see if you recognise any of the scientists' names on the list.

Then move onto slide 9 for your next activity

Famous Scientists

1. [Tiera Guinn](#)
2. [Isaac Newton](#)
3. [Mae C Jemison](#)
4. [Charles Darwin](#)
5. [Ellen Ochoa](#)
6. [Ada Lovelace](#)
7. [Charles Drew](#)
8. [Rosalind Franklin](#)
9. [Florence Nightingale](#)
10. [Philip Emeagwali](#)
11. [Dmitri Mendeleev](#)
12. [Hypatia](#)
13. [Erwin Schrödinger](#)
14. [Nikola Tesla](#)
15. [Carlos Juan Finlay](#)
16. [Louis Pasteur](#)
17. [Archimedes of Syracuse](#)
18. [Jane Goodall](#)
19. [Jennifer Doudna](#)
20. [Katherine Freese](#)
21. [Marie Curie](#)
22. [Sara Seager](#)
23. [Benjamin Banneker](#)
24. [Hasan Ibn al-Haytham](#)
25. [Ernest Everett](#)
26. [Alan Turing](#)
27. [Jagadish Chandra Bose](#)
28. [Subrahmanyan Chandrasekhar](#)
29. [Yuri Oganessian](#)
30. [Hiroshi Amano](#)
31. [Tycho Brahe](#)
32. [Mary Anning](#)

Researching Famous Scientists

- Choose two scientists from the previous slide (1 male and 1 female) and find out about them.
- Look at the next slide for more details on what to find out about them.
- Once you have found out the information, display it on a poster. (You can draw them on paper or on the computer).

Everyone should find out the following:

- Birth date and Year of Death if not alive. If your scientist is still alive, how old they are now
- In what country was this person born **and** where did they do their work?
- One sentence explaining why your scientist is famous or a catch phrase
- An interesting fact
- A sentence summarizing your scientist's accomplishments, in your **own** words.
- A picture of what they worked on or what they discovered.

Some of you may also wish to find out the following:

- A sentence summarizing your scientist's accomplishments, in your **own** words.
- A picture of what they worked on or what they discovered.
- You must choose an additional 3 of the following options to include on your poster
- A quote by your scientist.
- Educational background of the scientist (not the science field). What college(s) did they graduate from?
- Any additional jobs held by the scientist outside the science field.
- List 3 events that happened in history when this scientist became famous. Events should include specific wars, top movie for the year, top song for the year or other discoveries.
- The name(s) of other scientists that your scientist worked with.
- Has anything been named after your scientist? If so, include the city and country