

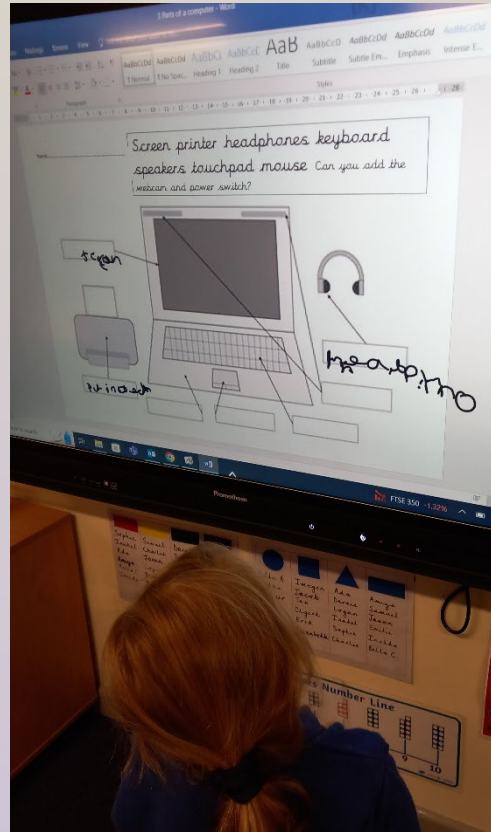
# Progress in Computing

## Term 4

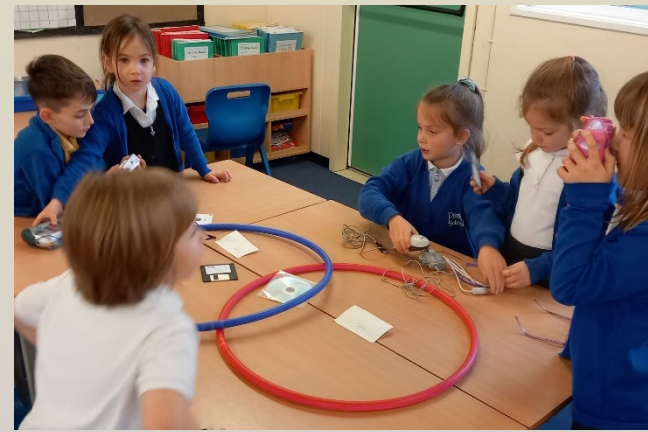
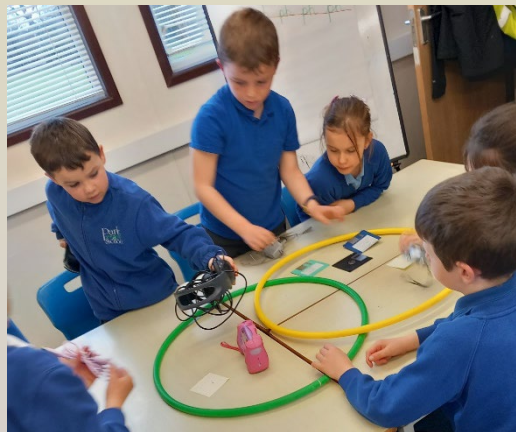
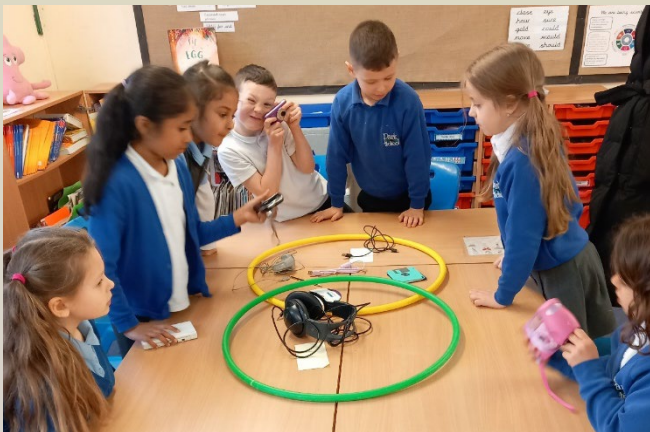


This term pupils have been thinking about the impact digital technology has on our lives.

Year 1 sorted and labelled electrical and digital technology we use at home or in school. We talked about some of the dangers this poses, such as devices in our kitchens. They learned about the different parts of computers and what they do.







Year 2 looked at how digital technology has altered over time, creating their own Venn diagrams, and a 'human timeline'. They also learned how digital technology in supermarkets has changed.

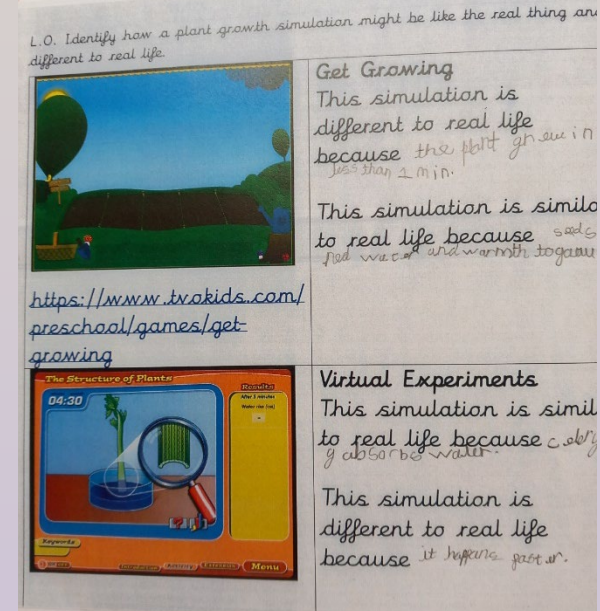
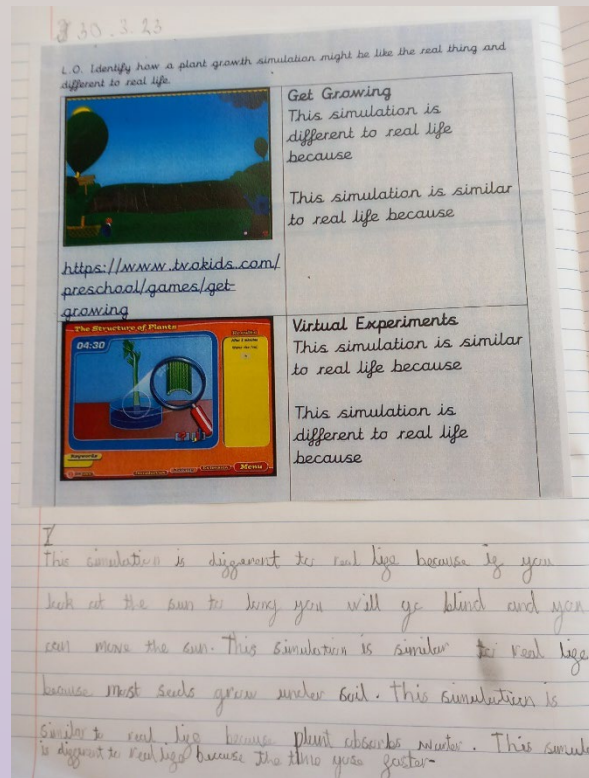




Y3 found out that Computer Simulations are used to carry out tasks that are either:

- too difficult,
- too dangerous
- or impossible for humans to do.

[https://learn-earning.com/projects/nutrien/survivor\\_soak/](https://learn-earning.com/projects/nutrien/survivor_soak/)



The plant growth focus linked to learning in Science.

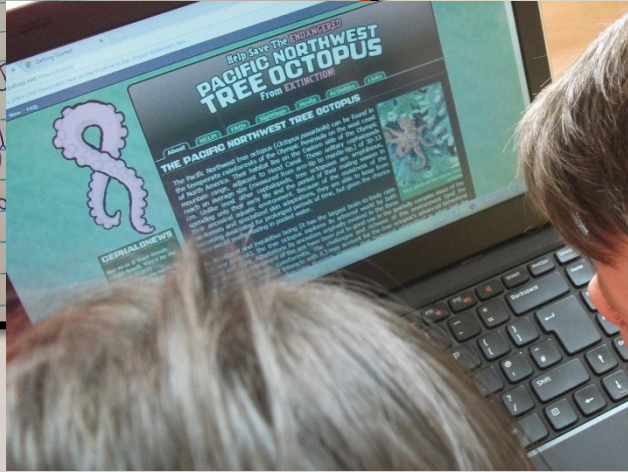


21.3.2023

L.O. Do I know I need to check information is accurate on a website?

Northwest Tree octopus

1. fake links - World Conserva
2. Fake media - Bill the jungl
3. Fake language - Yeti.Emoji
4. Fake pictures and videos

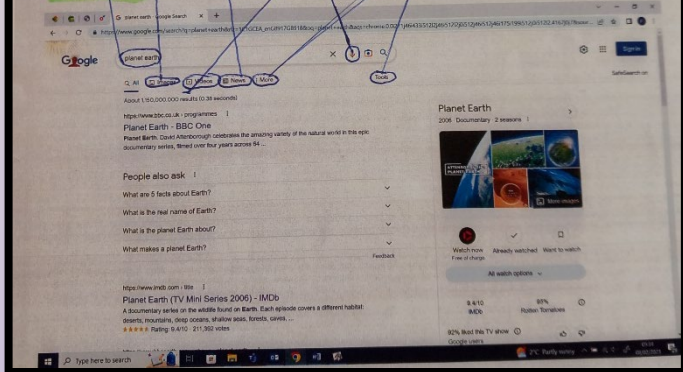


Y4 learnt about how different search engines work to provide answers to internet searches, and how results are ranked. They also understand that they must check for accuracy when looking at web information.

21.2.2023

Keywords  
pictures  
Siri-voice recognition  
Time frame  
News  
Videos  
extra

L.O. Can I identify features of a search engine, and know how to choose a search tool?



<https://zapatopi.net/treeoctopus/>  
was investigated as a  
FAKE site.

28.2.2023

L.O. How do search engines order results?

Search engines use algorithms to order the list of webpages they return.

The webpages that are placed at the ...top of the list are usually the most ...useful to you. All the webpages have been ...visited by the search engine's web crawlers.


So the next time you use a search engine to find information, remember that ...web ...crawlers have created an ...index and an algorithm was used to ...rank the results.



algorithms	index
web crawlers	visited
Search engines	top
Useful	rank

Do I know how data is used to target services?

# WHAT ARE COOKIES?



A Cookie is a line of code that is built into a computer, phone, tablet and a console. It is saved on a website you were recently on earlier and most people see them as dangerous since they might collect personal info, or track you.

**WHAT IS A COOKIE?**

YUMMY!

It is thought that cookies make your life easier by recommending different products!

Third party cookies are a little bit more 'dangerous' than some cookies.

COOKIES?

CRISPY & KREMER

Tool	USES	ADVANTAGES	DISADVANTAGES
Email	online banking	Check before you send	might take long
Social media	to connect and share friendship	Keep in touch	regrete facebook
chats/instant messaging	to chat with friends	instant to see people	might not check meaning
every day task	to get on with life	if stuck indoors still get to live	don't meet people don't get exercise
video chat	see people hear people	see them even if there in a different part of the world	your dog or cat might be on camera

What are Online Communication Tools, and how do they affect everyday life?

Tool	Uses	Advantages	Disadvantages
Email	Formal i.e. work	You get time to check before you send	May take time for a reply or answer.
Video Chat	Friendships or family - sometimes work meetings	You get to see and hear the other person or group	You might get 'video-bombed' by your cat!
Chat/Instant Messaging	To chat to friends.	Communication is instant.	You might not check spelling or meaning.
Social Media Networking	To share photos or events.	Sometimes there is negative feedback.	You can share with friends and family.
Everyday Tasks. Banking Shopping Ordering Food	To get on with life - personal	If you are stuck indoors, you can still get on with life.	You don't go out and meet other people or get exercise.

Y5 categorised different online digital communication methods with risks & benefits, & found out what COOKIES are.



## What is fake news?

Fake news is information which is not true. You find this information on the internet.

Only 2% of young people can identify fake news. The other 98% of them would be misled. If fake news is not spotted, children could be harmed. People could share this fake news as a laugh but sharing fake news may end badly.



## Shares

*To make sure you don't post any FAKE news, always check online or it could be YOU spreading the fake news. Even if it is just for laughs (for the likes), you will never know whether it can go viral.*



**FAKE NEWS!**

Over half of UK children are worried about being able to spot fake news.



## How does fake news affect emotions?

The fake news affect others in different emotions depending if they know if it is fake or not. Astonishingly, 2% of young people can spot mistakes very easily and understand how it is to find the fake news. The news can really play with other peoples emotions and do lots of trouble. Often include dramatic head lines, the word you or designed to promote to emotional reactions. It gives us strong emotions to hit the share button, like or even comment to the fake news so this makes fast news really popular and travels quickly without other people knowing. Fake news can really confuse people, have you ever got caught up with fake news?

Erin

Year 6 are interested in FAKE NEWS, so we talked about 'awareness' and how to spot it. They decided how they wanted to present their understanding; whether they felt more confident using Word or PowerPoint.