Year 4

Back to the Future – Mini Project
Creating your own blog.
Usually this activity would take 6/7 lessons to complete.

Key skills:
- **I can use technology safely and responsibly.**
- **I can report concerns I have about internet content to a grown up.**
- **I can select, use and combine a variety of software.**
- **I can appreciate how search results are selected and ranked.**
- **I can search the internet effectively.**

Session	Activity/ Link
1	- Select 'The History of Technology' video clip from the link at the bottom of the page. This is about how technology has evolved in education. - Look at the PowerPoint 'Old Technology'. Discuss the photographs with a grown up, what do you think they were used for? - Watch 'Moore's Law' video clip about how technology develops over time (link at the bottom of the page).
2	- You will need access to **'Edmodo'** during this mini project. ***Edmodo is a platform that allows children to connect with each other and their teachers, share their learning and improve their skills. It is a safe environment where children can only send messages to each other and cannot be sent friend requests by strangers. It allows them to upload attachments such as files, pictures, and website links.*** - With your parent's permission visit https://www.edmodo.com/home - To create an account, you will need to provide: **Your first name** **Your surname** **Class code – 7xzfiz** **A username** **A password** - Once you have completed your registration you should find yourself in group **'Year 4-Summer 2-Broomhaugh'**. You will see a message from me (Mrs Sommerville) welcoming you all to the group. Write a reply to my comment or say 'hi', so I know you have now joined the group.
3	- Using a search engine choose to research one of the following: the telephone, photographic camera, television, or computer. - Your research should include: **The inventors name and any other useful facts.** **Photos/ illustrations of the invention.** **How the technology was initially used.**
4	Once you have completed your research **log on to Edmodo** and create a post to share with the group about your findings, you can add text, photos, videos and links.
5	- Select and watch video clips 'Inside a Computer' and 'How Your Computer Works' (see links). - Create a PowerPoint or Word document explaining the key parts of a computer. You can add text, photos, pictures, links etc. - Once this is finished, upload it to Edmodo.
6	- Select and watch video clips 'Hardware and Software' and 'Searching the Internet' (see links). - Carry out research on how the search engine 'Google' works. - Post your findings on Edmodo.
7	Select and watch video clip 'Future Technology' (see links).

- Carry out further research into other new and trending technologies.
- Post information about your favourite future technology, in Edmodo.
- **Your project is complete-well done!**

**PARENTS **
Please supervise your child whilst they are searching the internet, if your computer/ laptop/ tablet are NOT protected.
Thank you.

<u>**YEAR 4 VIDEO CLIP LINKS**</u>

The history of technology https://www.youtube.com/watch?v=UFwWWsz_X9s

Moore's Law https://www.youtube.com/watch?v=lCbcIFAtB0A&feature=emb_logo

Inside a computer https://www.youtube.com/watch?v=4eNTlwnnhss

How your computer works https://www.youtube.com/watch?v=AkFi90lZmXA

Hardware and software
https://www.youtube.com/watch?v=vG_qmtdBPTU&feature=youtu.be

Searching the internet https://www.bbc.co.uk/bitesize/clips/zspbcdm

Future technology https://www.youtube.com/watch?v=AuVHftBiDVw&feature=youtu.be