Computing systems and networks—The internet

Construction

Prior Knowledge

Year 3: Computing systems and networks—connecting computers

Year 2: Computing systems and networks—IT around us.

Year 1: Computing systems and networks—technology around us.

Key Vocabulary

Tier 1: internet, switch, website, webpage, web address, world wide web (WWW), links, files, use, share, adverts

Tier 2: security, web browser, content, download, ownership, permission, accurate, honest

Tier 3: network, router, network switch, wireless access point (WAP), routing

My Component Knowledge:

Lesson 1: I can demonstrate how information is shared across the internet.

Lesson 2: I can describe networked devices and how they connect.

Lesson 3: I can describe where websites are stored when uploaded to the WWW.

Lesson 4: I can recognise that I can add content to the WWW.

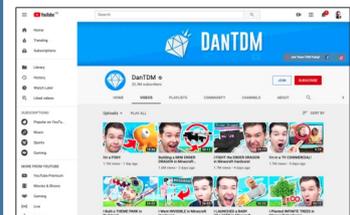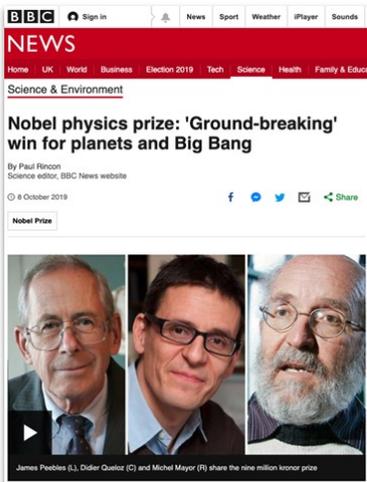Lesson 5: I can suggest who owns the content on websites.

Lesson 6: I can explain why some information I find online may not be honest, accurate, or legal.

My Composite Knowledge:

I can apply my knowledge and understanding of networks, to appreciate the internet as a network of networks which need to be kept secure.

My Powerful Knowledge:

I know that the World Wide Web is part of the internet and that people or companies own the content that they share online. Because anyone can share content online, I also understand that not all information online is honest, accurate or reliable.

BBC NEWS
Science & Environment

Nobel physics prize: 'Ground-breaking' win for planets and Big Bang

By Paul Rincon
Science editor, BBC News website

8 October 2019

Nobel Prize

James Peebles (L), Didier Queloz (C) and Michel Mayor (R) share the nine million kronor prize

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What content can be shared online?

Can you believe everything you see or read online?