

Prior learning: In Year 1, children will have learnt how to use the internet safely and will be aware of what information should be kept private and what to do if they have any concerns

Meet some brilliant computer scientists...



Tim Berners-Lee is an English computer scientist who is best known as the inventor of the world wide web.



Ryan Kaji stars in his own YouTube channel called Ryan's World, which is for children aged 2-6.

1. How do computer scientists identify the uses of digital technology?

We will learn about the jobs that computer scientists do and discuss the different technology online platforms they have created e.g.



Personal computer



iPhone



iPad



Kindle



Ryan's World

sticky knowledge

Brilliant computer scientists know the names of a range of multimedia and what they are used for in school and at home.

2. How do computer scientists keep their personal information safe and private?

We will learn about what personal information is and who we can and cannot share it with.

https://www.youtube.com/watch?v=fQPZh_I3C-A



sticky knowledge

Brilliant computer scientists know what personal information is and who it can and cannot be shared with.

3. How do computer scientists protect themselves from unsafe content?

We will watch 'Jesse and Friends' episode 1 and learn what to do if we are unsure about content we are watching.

<https://www.thinkuknow.co.uk/parents/jessie-and-friends-videos/>



sticky knowledge

Brilliant computer scientists know how to use Hector the dolphin's safety button and then to tell a trusted adult if they are unsure about content.

4. How do computer scientists use a password to log in to school software?

sticky knowledge

Brilliant computer scientists know to log in to school software using a password and understand the importance of keeping passwords private.



5. How do computer scientists use the internet safely and appropriately?

We will watch 'Jesse and Friends' episode 2 (Sharing Pictures) and learn about sharing photos safely.

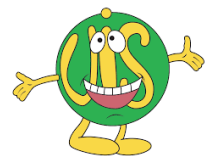


sticky knowledge

Brilliant computer scientists know how to use online software appropriately.

6. How do computer scientists understand and follow the school internet charter?

We will create a 'child friendly' charter to display and show the younger members of the school.



sticky knowledge

Brilliant computer scientists know and understand the school's charter for being 'Brilliant' on the internet.

Key vocabulary: Glossary

Internet	A world-wide computer network	Personal information	Information about you
E-safety	The safe and responsible use of technology	Trusted adults	Adults you trust and can talk to if you need help e.g. parents, grandparents, aunts, uncles etc.
Reliable information	Information you can trust	Unreliable information	Information you cannot trust

Password

A secret word or combination of words
and symbols to access software