

Prior learning: In Reception, children will have been taught how to keep themselves safe online while interacting with online digital content.

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.

2. How do computer scientists identify reliable information online?

We will learn how to identify reliable and unreliable online content (re-watch Lee and Kim from E-safety Day)



sticky knowledge

Brilliant computer scientists know to always check three different sources to decide whether online content is reliable or unreliable.

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

We will watch the Hector videos and learn about what personal information is and who it is safe to share it with.



sticky knowledge

Brilliant computer scientists know what personal information is and who they can safely share it with

4. How do computer scientists use the internet safely and respectfully?

We will learn how to identify possible unsafe situations and who a trusted adult would be to tell if you need help by looking at a variety of real life situations.



sticky knowledge

Brilliant computer scientists know who a trusted adult is and when they should ask them for help.

5. How do computer scientists make safe online decisions?

We will learn how to use our 'cyber rainbow' knowledge to give others safe online advice by making videos to share with others

Red- make sure online information is reliable- check three times

Orange- online opportunities- share, watch, discover, play, communicate

Yellow- helping others make the right decisions

Green- getting help

Blue- personal information and who it can be shared with

Violet- voicing concerns

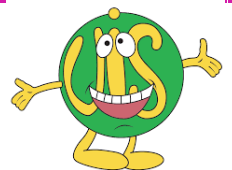


sticky knowledge

Brilliant computer scientists know how to give others safe online advice.

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