Resources to support home learning in Computing

This document is a suggestion of ideas that you may find helpful in supporting your child/ren. It is not exhaustive and is not essential. If you have a resource you've found to be helpful, please inform your class teacher and we can add it to the list.

If you have any questions, please ask us, in person or by email to the school office.

Thank you

Online

Early Years - Pre-reader Express (2019) - Learn the basics of computer science and internet safety.
https://studio.code.org/s/pre-express-2019

KS1 - Course B - Learn the basics of computer science and internet safety.
https://studio.code.org/s/courseb-2019

KS1 - BBC Bitesize - Computer Science, Digital Literacy and Information Technology
https://www.bbc.co.uk/bitesize/subjects/zyhbwmn

KS1 and KS2 - Course C - Create programs with sequencing, loops, and events. Translate your initials into binary, investigate different problem-solving techniques, and learn how to respond to cyberbullying.
https://studio.code.org/s/coursec-2019

Year 2 - KS2 - Course D - Students develop their understanding of loops, conditionals, and events. Beyond coding, students learn about digital citizenship.
https://studio.code.org/s/coursed-2019

KS2 - Course E - Start coding with algorithms, loops, conditionals, and events and then you'll move on functions. In the second part of this course, design and create a capstone project.
https://studio.code.org/s/coursee-2019

KS2 -
Be Internet Legends - Interland - (not 3 Willow)
https://beinternetlegends.withgoogle.com/en_uk/interland

KS2 - An hour of code - https://code.org/hourofcode/overview

Year 5 & 6 - Course F - Learn to use different kinds of loops, events, functions, and conditionals. Investigate different problem-solving techniques and discuss societal impacts of computing and the internet. In the second part of this course, design and create a capstone project.
https://studio.code.org/s/coursef-2019

KS2 - BBC Bitesize - Computer Science, Digital Literacy and Information Technology

https://www.bbc.co.uk/bitesize/subjects/zvnrq6f

Be Internet Legends - Interland - is an adventure-packed online game that puts the key lessons of digital citizenship and safety into hands-on practice. https://beinternetlegends.withgoogle.com/en_uk/interland

Dance Mat Typing - https://www.bbc.co.uk/bitesize/topics/zf2f9j6/articles/z3c6tfr

KS1 - **How games work?**
Learn all about what goes into making a computer game and how algorithms work.
https://www.bbc.co.uk/bitesize/articles/zkxybdm