

Avondale Primary School

Support for parents – Computing

What is Primary Computing?

At Avondale we recognise that technology plays a huge part in modern life and will only become more integral as our children grow up. Our vision is to embed computing in as many learning opportunities as possible as well as this the children have weekly discreet computing lessons using a range of software and hardware. We aim to provide all children with not only the skills to use the technology that exists today, but the life-long thinking skills and passion to continue to develop beyond school. Our curriculum has been designed around the following themes:

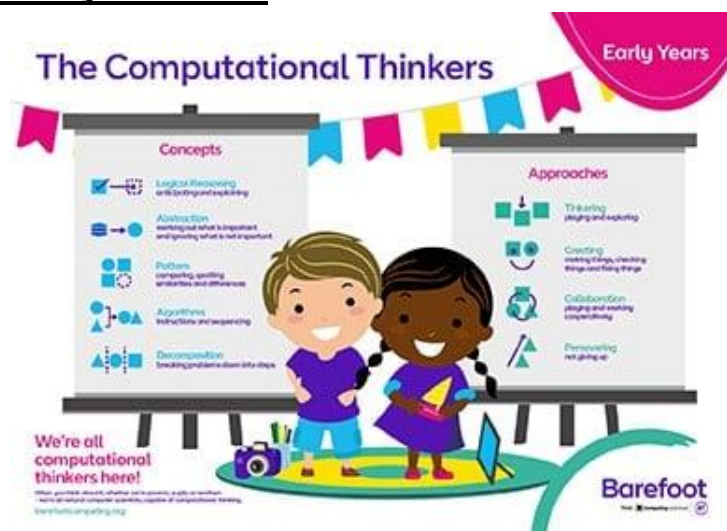
Using Computer
Networks
Net Searching
Coding
Online Safety
Computers

Computing projects you could try at home:

EYFS

What you do: A great way to help children to understand Coding is to do activities that involve following instructions.

The **Barefoot website** is great for this and computers aren't needed to complete the activities.



<https://www.barefootcomputing.org/earlyyears>

They're learning about... necessary problem-solving skills needed for everyday life

KS1

What you do: Computing (coding) is important for children as it will help improve their mathematics and writing skills, it will give them valuable life skills, which will be used eventually in the workplace. Develop your child's skill by start learning the basics of coding: you don't even need a computer!

Fun and creative activities, built by teachers to help you guide your child through fundamental parts of the computing curriculum without the need for screen time can be found on the Barefoot website.

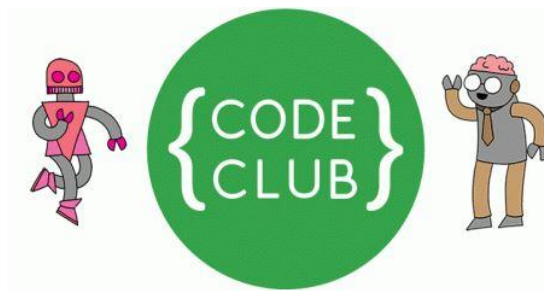


<https://www.barefootcomputing.org/homelearning>

They're learning about... Problem solving, thinking creatively, and it helps them to develop resilience.

KS2

What you do: Code Club gives children step-by-step instructions for a range of coding projects.



<https://projects.raspberrypi.org/en/codeclub>

They're learning about... Problem-solving and critical thinking skills. By teaching children problem-solving skills early on through coding, they are better prepared for the world that follows after high school and beyond.

KS2

What you do: At Avondale we take Online Safety very seriously. Staying safe online is more prominent now than ever before with the amount of apps that can be accessed on mobile phones and other electronic devices. Talk to your child about being confident and staying safe online. Discuss situations where

they may be asked to share information and what is appropriate to share online and what is not.

They're learning about... The importance of creating a positive digital footprint which helps you project a positive image. Being aware of the possible threats online activity can bring and how to deal with them.

Useful Websites:

- [Internet Matters](#)
- [NSPCC – Keeping Children Safe Online](#)
- [Screen Time Guidance](#)
- [Our Avondale Computing page](#)
- [Computing at School](#)
- [BBC – What is Coding](#)
- Purple Mash – your child will have login for this