

**Walton CEVC Primary School**  
**'Every Child, Every Chance, Every Day'**



**OVERVIEW OF COMPUTING**

**Why this subject is important in our school:**

We teach Computing to help our pupils become digitally literate. We want them to be able to use and express themselves digitally and develop their ideas through information and communication technology, at a level suitable for the future work place. We want them to be active participants in a digital world. Computing is an essential skill for modern life, which is rapidly changing and adapting.

We intend for Computing to excite and encourage pupils to learn, whilst also providing the skills to present, research, challenge and code.

It is imperative that pupils are educated on how to keep themselves safe whilst using technology and how to manage a healthy balance of when to use it.

**How we will measure Impact:**

By the time pupils leave our school, they will be computer literate and have a broad knowledge of technological skills.

We would like them to develop safe, responsible and competent learners, who are creative, curious and logical as they navigate, investigate and contribute to the world around them.

The biggest impact we want on our pupils is that they understand the consequences of using the internet and that they are also aware of how to keep themselves safe online.

As pupils become more confident in their abilities in Computing, they will become more independent and develop life skills such as problem-solving, logical thinking and self-evaluation.

**How this subject is organised in our school:**

We follow the Wessex Planning for the computing curriculum. It provides a clear progression of skills that are embedded across all curriculum subjects with a focus on skill development of the four key strands:

- Programming
- Technology in our Lives
- Multimedia
- Handling Data

Programming will be taught as the main strand of computing to encourage computational thinking and provide the children with good coding skills for the future.

Online Safety is of extreme importance in today's society for the promotion of good mental health and how to stay safe online. Therefore, it will be taught alongside the computing curriculum with one lesson per half term, combined with half termly Key Stage assemblies.

We will also encourage parents to support and learn about Online Safety by providing regular updates.

We are using the Active Bytes Planning because it provides an age appropriate online safety curriculum that is flexible, relevant and engages pupil's interest.

