



Love Care Respect

To aspire to being outstanding in everything we do, by always aiming higher.

"Let your light shine in all you say and do."

Matthew 5:16

Computing at Wylve Valley Primary School

Intent:

All pupils at Wylve Valley Primary School will have rich, deep learning experiences that balance all the aspects of computing. Technology plays such an important role in society today, and children need to be taught 'Computational thinking' to enable them to participate effectively and safely in our digital world. At Wylve Valley, we believe that a high-quality Computing curriculum will equip pupils to use their creativity to understand and change the world.

Computing has clear links with Mathematics, Science, Design & Technology; the core of our learning introduces children to a wide range of technology, including PCs, laptops, iPads and interactive whiteboards, allowing them to continually practise and improve the skills that they learn. By promoting digital literacy, pupils can express themselves and develop their ideas and set the foundations to become active participants in the future workplace.

We teach a curriculum that enables children to become effective users of technology who can:

- Understand and apply the essential principles and concepts of Computer Science, including logic, algorithms and data representation;
- Analyse problems in computational terms, and have repeated practical experience of writing computer programs in order to solve problems;
- Evaluate and apply information technology analytically to solve problems;
- Communicate ideas well by utilising appliances and devices throughout all areas of the curriculum.

Internet Safety:

Wylve Valley Primary School takes internet safety very seriously. We have an E-Safety Policy that provides clear guidance for teachers and children about how to use the internet safely and responsibly. Every class participates in lessons on e-safety and children understand how to stay safe when using technology.

There are many good sources of information available about internet safety, and the following links for parents will help children to stay safe online at home:

Understanding social networking sites and how to keep your children safe.	Common Sense Media
Great advice to help keep your child safe online.	Think U Know
Safety information for the whole family.	Microsoft Protect
Report any illegal content on the internet.	Internet Watch
Keep up to date with E-safety issues.	Childnet
Safety information for parents.	Safer Internet
Understand and share the world of social networking websites with your children.	Make It Secure

Implementation:

To teach Computing effectively, our teachers have been provided with fully planned and resourced units of work across the school. In each unit of work, there is a cycle of lessons which carefully plans for progression and depth of learning. Each class has a weekly timetabled slot in the Computing Suite and we have two class sets of iPads to ensure that each class can use the technology to their full effectiveness.

By the end of each Key Stage, our children will have learnt and practised several skills across a varied range of engaging units of work.

Impact:

At Wylve Valley, our Computing curriculum is high quality and well planned to demonstrate progression through the year groups. If our pupils are keeping up with the curriculum, they are deemed to be making good progress (or even better). In addition, we measure the impact of our curriculum through the following methods:

- School assessment on standards achieved against the planned outcomes. We use a range of methods to evaluate teaching across the school: Children from each class are interviewed about their learning; Computing books from each class are scrutinised.
- Our children will become responsible, competent, confident and creative users of information and communication technology.
- Our staff and pupils will follow the school values of 'Love, Care, Respect' when communicating using technology.