"The advance of technology is based on making it fit in so that you don't even really notice it, so it's part of everyday life."

Bill Gates

Intent

At Leavening, Computing is at the heart of our curriculum! Our aim is to teach the technology skills children need to live in the twenty first century. We use the Purple Mash scheme of learning that enables children to access a high-quality Computing curriculum. In addition to this, children use these skills through all areas of the curriculum. We encourage children to develop a growth mindset approach and instil confidence and resilience in all learners.

What Computing looks like at Leavening

Implementation

We follow the Purple Mash Mixed Age Planning, which ensures consistency and progression in knowledge and skills across the school. Due to the nature of our mixed age classes, children are given plenty of opportunity to revisit prior learning and build on their knowledge and skills.

We teach lessons so that children:

- Develop their love of computing.

- Have a sound understanding of internet safety and know how to behave appropriately and safely when using the world wide web.

- Progressively acquire, use and apply a growing bank of technical vocabulary.

- Have the opportunity to develop their confidence and creative skills through programming and using software.

- Understand a that people solve problems differently and at different paces

- Work in an environment that supports and embeds their learning in computing including access to ipads

- Develop skills that contribute to learning across the curriculum.

How we entwine Science with our Leavening school values underpinning our purpose of 'Together We Can'

Care, share and belong

Children will develop a mutual respect for children's approaches to Computing. They will show empathy and compassion towards children who give considered and careful explanations so that children don't feel pressured.

Look and learn beyond the classroom

This generation of children live in a world where technology is a part of everyday life. All children have experiences of using technology outside school which gives them a wealth of experience and opportunity to practice safe internet use. Children from nursery to year six have their own username and password to access Purple Mash remotely so they can use the programme in their spare time or for homework projects.

Aim high so everyone can shine

Children are encouraged to aim high and produce work of a high standard, this includes clearly thought out, written and verbal explanations of why an answer is correct or incorrect. We motivate children to 'have a go' and to see mistakes as one step closer to success.

Learn with passion

Children are excited by Computing. They feel extremely lucky to have a class set of ipads that can be accessed when needed. The older children work independently when using this fabulous resource and can confidently access Purple Mash, explain what they have produced and how they could make it even better.

How we know our Computing curriculum is successful

Impact

- Children will leave Leavening with the skills to become successful, lifelong learners.
- Children will know how to use technology and the internet safely and respectfully.
- Children will know what steps to take to combat any incidences of online bullying and inappropriate behaviour.
- Children will become independent and confident at using a range of technology.
- Children will see mistakes as a road to success.
- Children will understand that there are many ways to solve a problem.
- Children will ask questions and become curious in nature.
- Children will have a love of computing.