

NEWBALD PRIMARY SCHOOL

COMPUTING

Why is Computing important?

Computing helps to prepare children for the developing world in an ever-changing digital world. The subject encourages children to develop an understanding of how technology makes a difference in all aspects of life- at home, at school and in the workplace, as well as considering the impact technology has had on society over the years. Children should develop Computing skills that can be thoughtfully applied in a range of different situations, with children developing increasing independence in the choices they make over which technology to use to help them reach the desired outcome.

What does Computing look like at Newbald?

The children throughout the school all access high quality computing. EYFS children begin with content from Development Matters. Technology falls in the Specific area of 'Understanding the World' where children begin their technology journey. This changes to the National Curriculum as they reach KS1 and then progress into KS2. Here the curriculum splits into 3 key areas: Computer Science, Information Technology and Digital Literacy. The long-term plans in KS1 and KS2 cover these strands.

What is our extra-curricular provision?

With our updated technology, children have access to computing related clubs after school regularly over the academic year as extra provision.

OUR MISSION

How are we achieving our Computing vision?

- *New technology has been invested in.
- *In house support is given to teachers by the subject lead.
- *Long term plans and planning units have been provided to teachers to offer more support with planning for computing.
- *A set weekly computing lesson takes place in KS1 and KS2 now.



OUR VISION

What is our vision for Computing?

- *For teachers and teaching support staff to feel more confident in their delivery of computing.
- *For teachers and teaching support staff to feel more confident in their subject knowledge of computing.
- *For children to have an increased subject knowledge, confidence, independence, resilience and skills to tackle activities in computing.
- *For children to use collaboration and problem- solving skills independently. For example, when having to de-bug code.
- *For children to have an understanding of how Computing is vital in the world and will continue to be so as they grow up.
- *To have an equal gender balance of those excelling in computing.

OUR VALUES

How do our values promote Computing?

Within our daily school life, we encourage our children to be respectful, determined, kind and positive. Pupils are encouraged to work collaboratively in Newbald, learning to listen, question and problem solve together. Computing partners provide an excellent opportunity for children to be role models for the other children, not only sharing and teaching skills, but leading by example in our collaborative learning, leading to up levelled learning skills.