Marston Thorold's Church of England Primary School

Curriculum Intent Statement - Computing

"Technology can become the "wings" that will allow the educational world to fly farther and faster than ever before—if we will allow it." - Jenny Arledge.

Intent:

- Give our pupils the lifeskills needed to become **competent, confident** and **knowledgeable** users of technology.
- Encouraging children to be **creative, enquiring learners** through the use of computers.
- Equip children with the **awareness** of their **responsibilities** when using technology.
- Enabling children to be **happy and healthy** through their knowledge of online safety.
- Preparing children for the **next stage in their education.**

*Colours link intent back to Whole School Curriculum Intent.

Implementation:

All lessons build on prior learning and teachers support children to learn and remember more through:

- Using Purple Mash units of work that ensure knowledge is built upon each year.
- A balance of computer science, digital literacy and information technology taught discreetly in computing lessons.
- The use of technology being embedded across the wider curriculum.
- Practical and safe use of technology within Purple Mash that enables the pupils to gradually build on their understanding and ability to apply skills in all areas of computing.
- Discussion time embedded into lessons to support e-safety such that all pupils are aware of what to do and who to go to when they have concerns;
- Elaborative questioning to challenge pupils to apply their learning in a range of ways.
- Providing knowledge and understanding through the fundamental principles and concepts of computer science, including algorithms, logic, abstraction and data representation.
- Opportunities for curriculum adaptation and challenge, pre teaching and interventions for those children who may require it, including those with SEN, throughout a topic or prior to a new topic being taught.

Impact

Our Computing Curriculum is high quality, well thought out and is planned to demonstrate progression. If children are keeping up with the curriculum, they are deemed to be making good or better progress. In addition, we measure the impact of our curriculum through the following methods:

- Tracking of judgements saved on Purple Mash;
- Pupil discussions about their learning;
- Pupil voice reveals that safe use of technology is central to their understanding;
- Moderating children's work with other schools in our collaboration.