

Always building friendships with one another, whilst being thankful for what we have.

The Magdalen Church of England / Methodist Primary School, Wainfleet Computing Rationale

Retention of powerful knowledge and vocabulary

Our Computing curriculum allows children to develop their understanding of computational processes and computing knowledge. Children are equipped with computing knowledge and vocabulary to understand the use of computing today and for the future.

Application of powerful knowledge and vocabulary

Our computing curriculum comprises a number of different strands: digital literacy, coding, data handling and using technology in the wider world. Each year group builds on the skills taught during the previous year, to ensure that by year 6 students are confident using technology, including a range of different programs, apps and websites. Apps on the iPads are utilised to teach skills such as animation, music creation and e-books. Purple Mash is embedded throughout the curriculum. Children are encouraged to use terminology accurately and precisely. This is ensured through high level exposure to terminology and through teaching to ensure pupils build on secure foundations.

Inspiration

We ensure that all children are able to gain experiences beyond the classroom and pupils are encouraged to use their curiosity and develop a sense of excitement. Children are encouraged to embrace ever changing technology whilst developing their understanding of computing.

Success for Everyone

We believe that all learning should be accessible and age-appropriate for learners. The planning of computing allows for children to progress and access the curriculum. Reasonable adjustments are made for children to be able to access the curriculum. Ongoing assessments, identifies barriers to learning and allows for adaptations to be made to meet the specific needs of all learners. The curriculum builds on prior learning and builds on the pupils understanding to meet their specific learning needs.

The Impact of our curriculum

- Children can confidently recall key knowledge from current and previous areas of learning.
- Children can confidently apply knowledge to their learning.
- Children are confident using and applying high-level vocabulary.
- Children are independent learners.

while trying hard each and every day to trust other people around us through humility and service.

Remembering to forgive when we have been wronged and hoping to help others less fortunate than ourselves.

Determined to show compassion for those around us and develop a community that embraces justice and peace.

- Children are articulate and confident to talk about a wide range of computing topics.
- Children enjoy learning and are excited and inspired to learn new things.
- Knowledge is retained in children's long-term memories.
- Children have excellent attitudes to learning.
- Children show self-awareness when forming their own ideas and beliefs.
- Children demonstrate appreciation and wonder of the ever changing world.