St Mary's Catholic Primary School

Living and Learning Together – Shining in our Faith

Computing Intent Document

Intent

At St Mary's Catholic Primary School, we acknowledge the pivotal role that technology currently plays, and will continue to play, in society. Therefore, we want to provide our children with the skills they need to flourish in a digital world. We aim to provide children with access to high-quality resources and teaching that equips them with the knowledge to work in the rapidly changing digital world and inspire them to pursue roles in the digital technology industry. We aim to offer a broad and balanced Computing curriculum that prepares the children to 'use computational thinking and creativity to understand and change the world.'

We offer the children access to iPads, computers, laptops, Beebots and interactive whiteboards. Computing is taught as both a stand-alone subject and as part of cross-curricular topics, where computing skills are used to enhance and extend our curriculum links.

We encourage our children to become responsible digital citizens and emphasise the importance of online safety. Online safety is an important part of our Computing curriculum and is interwoven into the computing and cross curricular themes. Children are aware of how to keep themselves safe and how to report concerns about inappropriate content or cyber-bullying incidents.

Implementation

Each programme of study is built around the three main concepts of: Computer Science, Information Technology and Digital Literacy.

In Early Years, KS1 and KS2, we follow the Purple Mash computing scheme of work and have access to all of the 2Simple apps and tools to support the delivery of this scheme. We also utilise other apps and websites to link to our cross-curricular topics throughout the year.

Impact

Our Computing curriculum gives children the opportunity to access a wide range of resources and to develop their skills in typing, word processing, blogging, coding and much more. The curriculum is fun, engaging and is enjoyed by all learners.

Throughout school, we measure the impact of our computing curriculum through the following methods:
- Discussions with children about the key computing vocabulary used and by observing their ability to complete tasks independently or with support. Assessment for learning is used to identified misconceptions and 'gaps in learning', so these can be addressed through lessons.
- Regularly reviewing the children's knowledge and understanding of online safety issues and knowing how to keep themselves safe; Assessment for learning, lesson observations and feedback given by the Curriculum Lead.
- Talking to children during the lesson to ensure they have understood the learning objective – Assessment for learning.
-Examples of work are collected by the Curriculum Lead and displayed in our Computing floor book.
-The Curriculum Lead completes regular monitoring of Computing, using evidence saved on Purple Mash and collecting pupil voice, evaluating the impact of new technical language learnt.

The above enables the teacher to make an informed judgement on the children's understanding of Computing and plan ways forward.

For any additional information regarding the Computing curriculum please contact Mrs. McGrath (Subject Lead) or Mrs Ormsby (Subject Governor).