Computing—Subject on a Page

Children talk confidently about their learning using appropriate and technical vocabulary.

Children can recall previous knowledge and are prepared for the next stage of their learning.

Children can make links between computing and the character virtues of our school.

Children demonstrate their understanding of technology and talk confidently about a range of skills and how they use these across the curriculum.

Follow a clearly sequenced and progressive program of study based on the National Curriculum objectives.

Implementation—How?

High quality teaching that is appropriately pitched to individual children.

Character virtue learning is enhanced through children recording their activities and achievements on their chrome books.

Children are genuinely excited to meet, use and try new technology. They are confident in this subject and our teaching gives them a chance to see possibilities beyond how they have used computers out of school.

Seek answers to questions during individual research using their devices as a search tool.

Intent—Why?

At Combe Martin we are educating pupils who will one day work in careers that have as yet not been created. The technology they are using in school and how they are accessing it will not be the technology of their future lives because this subject is changing at an immeasurable rate. What we are doing is giving them a passion for the subject, teaching them to explore and be curious, to stay safe, to gain confidence using technology, to innovate and to code. It is these skills we wish for them to take with them when they leave Combe Martin.

Opportunities for children to reflect, recap and self review learning through the STEM Computing approach to learning. The development of lessons enables the retention of knowledge in the long term memory. Teachers assess children's application of key skills at the end of each lesson.

Children enjoy computing lessons and are confident to demonstrate and discuss their learning with others.

Children use their Chromebooks to enhance learning by recording knowledge, editing text and recording their performances.

Children record knowledge and understanding in a range of ways using appropriate software for the task.

Children confidently apply their skills and use devices and software in their Curriculum 360 learning to be inspiring change makers and global citizens.

Read, spell and pronounce topic vocabulary accurately.

Mind maps could be used to give opportunities to return to previous areas of learning, recall prior knowledge, make links and gain a deeper understanding.

Children can analyse a range of websites and advise on the one most useful for the task they are doing.

Building children's ability to spot dangers on the Internet and to keep themselves and their data safe.

Make links with other schools in the MAT using Chrome Books for joint learning opportunities.

Children connect their learning about cyber bullying with their behaviour in the wider world.

Children have an understanding of who to speak to if they feel uncomfortable using the Internet or their communication devices.

Children will want to study computing further in their future education.