



Curriculum Implementation for Computing

At Rushey Mead Primary School we consistently teach the three key areas of computing: Digital Literacy, Information Technology and Computer Science. This is reflected in our Computing long term planning, where children can make use of a variety of school devices within lessons including approximately 160 chromebooks, 62 iPads and 30 Acer tablets. In addition, we have also begun introducing pupils to Computing specific vocabulary and each year group explores the life of an influential Computer scientist which broadens their wider understanding of the subject. We have also carefully considered the impact of the COVID-19 pandemic by adapting our planning accordingly as well as ensuring that every child has access to one hour of discrete teaching each week.

Online safety remains a priority across the curriculum which prepares children for life beyond the classroom. Staff receive annual refresher training on the importance of providing a safe learning environment both online and offline. Children are consistently given opportunities to explore the internet safely and regularly have discussions with various adults in school with particular links to our SMART rules. We have also taken advantage of cross curricular learning opportunities by exploring these issues in other subjects such as PSHE and our No Outsiders curriculum.

As well as using a variety of different devices, children are exposed to a range of educational platforms including but not limited to Google Workspace, Microsoft Teams, Times Tables Rockstars and Accelerated Reader. Children are taught how to access these platforms from home to support them with their wider curriculum learning. We also make good use of age appropriate story books which cover a variety of online safety issues. Going forward, we continue to expand on our implementation of incorporating Computing more widely across the curriculum.

We will also continue to take full advantage of projects such as Microbit, the 3D printer project and the Lego Spike Prime project as they were highly successful in the last academic year.

