CURRICULUM STATEMENT

COMPUTING

INTENT

At Park View, all pupils have the right to engaging learning experiences that incorporate all aspects of the computing curriculum. With technology playing such a vital role in today's society we consider 'computational thinking' to be a skill, children must be taught if they are to succeed safely in this hi-tech and digital world. Computing has key links across the curriculum including English, maths, science, and design technology where it provides insights into both natural and man-made systems.

At Park View, children are exposed to computer science through a wide range of technology such as iPads, Google Chromebooks, interactive screens and robots, encouraging them to practise and improve the skills they learn daily. We believe this will aid them to become digitally literate and creative to a suitable level for their future education, workplace and as active participants in a digital world.

IMPLEMENTATION

At Park View, we use and follow the Purple Mash scheme of work from Year 1-6, ensuring consistency and progression throughout the school. Lessons are broken down into units. Units are practical and engaging and allow computing lessons to be hands-on. Units cover a broad range of computing components such as coding, spreadsheets, internet and email, databases, communication networks, touch typing, animation and online safety. Purple Mash has an online portal of age-appropriate software, games and activities as well as topic materials and materials to support children's learning in other subject areas for all key stages.

In class children have access to individual iPads for access to Purple Mash and various apps including, the Google classroom, Leixa, TTRockstars and the internet browser. The computer suite has been fitted with Google Chromebooks and children also have the opportunity to use their coding skills to program Sphero.

IMPACT

The implementation of this curriculum ensures that when children leave Park View, they are competent and safe users of ICT with an understanding of how technology works. They will have developed skills to express themselves and be creative in using digital media and be equipped to apply their skills in computing to different challenges going forward.