



**Teaching Computing Plan of Implementation**

**EYFS**

In the Early Years, opportunities are presented to the children in order to meet ELG-15 'Technology'.

*Children recognise that a range of technology is used in places such as homes and schools. They select and use technology for particular purposes.* Children develop their skills in technology through a range of activities. For example, when working with the teacher, children may be given tasks such as taking the photographs or making sound recordings. The Early Years also have access to iPad where activities may be delivered such as using an app to practise sequencing, artistic skills, and music or phonics skills. Observations are made of the children accessing technology in school and also conversations with children regarding the use of technology at home are recorded.

**Key Stages 1 and 2**

In Key Stages 1 and 2, children will receive 3 hours of computing a week on a rolling schedule basis. Over the year, all classes will cover 6 units of computing per year group, based on the long term plan. Specific units from Purple Mash have been mapped onto our long term planner, to ensure all aspects of the National Curriculum have been covered. However, these materials may be supplemented, or even replaced, by other resources at the class teachers' discretion upon discussion with the subject leader in order to ensure that the highest quality lessons are delivered to every class. Each lesson is based around delivering one or more of the national curriculum objectives. Lessons are delivered in class where children have access to Google Chromebooks and iPad. However, a selection of lessons are 'unplugged' lessons which develop the understanding of computing and computational thinking without the use of technology. These may be delivered in classrooms.

Every class will receive a standalone unit on E-Safety on Copyright and Protection; however, ongoing ESafety learning will be addressed and recapped in short sessions throughout the year. We want this learning to be ongoing throughout the year so this becomes memorable. Lesson plans and resources have been taken from accredited sources such as [nationalonlinesafety.com](http://nationalonlinesafety.com) and other E-safety websites. All lessons and resources are up to date with current trends and issues. Our Computing also overlaps with our RHE curriculum in ensuring users are safe and responsible at all times. Please see the RHE implementation.