Intent	Implementation	Impact
Our school vision states that: We aspire for all at Parsonage Farm to feel valued and cared for, to have a continued excitement for learning, ensuring success as they journey onwards. We aim to deliver a high quality computing curriculum which embraces computing across all aspects of the curriculum to enhance teaching and learning throughout the school. Computing is a statutory subject, meaning there is a National Curriculum to follow in KS1: https://assets.publishing.service.gov.uk/media/5a7c576be5274a1b00423213/PRIMARY_national_curriculum_-_Computing.pdf We have a clear progression of skills and knowledge organisers for computing across the school which can be found here: https://www.parsonagefarmschool.co.uk/_site/data/files/curriculum/A68EC52787CFBF8D13574802658A11C8.pdf Nursery: https://www.parsonagefarmschool.co.uk/page/?title=Half+termly+learning&pid=59 Year R: https://www.parsonagefarmschool.co.uk/page/?title=Half+termly+learning+in+Yr+R&pid=58 Year 1: https://www.parsonagefarmschool.co.uk/page/?title=Knowledge+in+Year+1&pid=57 Year 2: https://www.parsonagefarmschool.co.uk/page/?title=Knowledge+in+Year+2&pid=56	**Curriculum design** We teach computing through a scheme called Purple Mash. All planning is online and mirrors the national curriculum objectives which allows for clear progression with lessons designed to enable children to achieve the subject objectives. In Key Stage 1, children will learn to understand what algorithms are; how they are implemented into daily lives and into programs on digital devices. They will be taught to create and debug simple programs and use logical reasoning to predict the behaviour of simple programs. They will also be shown how to use a range of technology purposefully to create, organise, store, manipulate and retrieve digital content as well as recognise common uses of information technology beyond school. In Early Years, children will explore technology and how it can be used for different purposes through exploration and play and will recognise that technology is used in places such as homes and schools. Children will be taught to use technology safely and respectfully, keeping personal information private. Children will identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies. As a school we have an agreed set of teaching and learning principles that all staff use to ensure they are delivering the highest quality lessons to our children. These can be found here: https://www.parsonagefarmschool.co.uk/page/?title=Curriculum&pid=29 Computing lessons are recorded on Purple Mash. Each child has their own log in and password which are available for staff, children and parents to access throughout the year. **Enrichment** The whole school takes part in annual internet safety days in addition to continuous e-safety teaching. We also have a computing enrichment days to allow pupils to explore areas of computing that are outside of the national curriculum requirements. **Children requiring additional support** If children require additional support to access computing lessons this will be tailored to their individual needs, based on any individual targets they may be working on. For example, when mathematical understanding overlaps with work done on spreadsheets. We aim to ensure that most resources are accessible for most children e.g. by using voice recording in addition to text in quiz resources and by consideration of colour palette and illustrations. Visual aids such as icons to represent topics are a useful tool for children who may need more support with reading. Within the scheme of work, it is expected that most lessons are differentiated by outcome and by the support and\or scaffolding children are given to meet their individual needs.	**Assessment of Computing** Within our Early Years classes, teachers are continuously assessing children's computing through quality interactions in play, group sessions and whole class sessions. These assessments are on-going to help us ensure children are working towards our end of EYFS goals. In Key Stage 1, teachers informally assess children's progress each half term through a range of strategies including: observations, discussions, questioning and the outcome of recorded work. By the end of the time at Parsonage Farm, our children will be able to select from a range of tools and skills to create a digital outcome for a given task. They will understand that technology needs to be used with, and treated with respect and will understand how the internet works and identify the benefits and potential dangers of using it. Our children will help themselves and others to minimise the risks of being online and know how to manage any potential risks.