We will ignite the ability in all to ***‘Love, Laugh and Learn’,*** recognising the extraordinary and wondrous in everything and in everyone. Our rich, varied and creative curriculum, together with our Christian values, will empower all to flourish following Jesus’s promise **‘I have come to give life and life in all its fullness.’** (John 10:10)

**Intent**

Our computing curriculum aims to ignite the ability in all to ‘Love, Laugh and Learn’. We strive to provide the children with the skills and knowledge to use technology safely and effectively in a digital world. This is achieved via recognising the extraordinary and wondrous in every opportunity we plan into our Computing Curriculum. We understand the future opportunities that a high-quality computing education can provide to our pupils, and our curriculum will give them a broad, deep understanding of computing and how it links to their lives, hence the reason for our ‘Computing Pioneers’ who are notable figures that we show the pupils to raise the profile of Computing and careers in the field. When coupled with our Christian values and Jesus’s promise ‘I have come to give life and life in all its fullness’. (John 10:10), we support our children to be able to thrive and flourish in an online world. Our curriculum offers a range of opportunities for consolidation, challenge and variety whilst also being engaging. It enhances our children’s cultural capital by providing them with experiences that they perhaps do not have outside of the school environment. It is in this way that we show the children that we are loving out loud, by giving them opportunities to help them flourish. As well as this, the curriculum allows our children to apply the fundamental principles and concepts of computer science whilst developing a firm grasp of the basics. The children will develop analytical problem-solving skills and learn to evaluate and apply information technology. It will also enable them to become responsible, competent, confident, and creative users of information technology by the time that they leave our school.

**Implementation**

Our curriculum is designed to allow the children to progress their skills throughout sequences of lessons, but to also build on and consolidate prior learning. Each lesson contains revision, analysis and problem-solving. Through the sequence of lessons, we intend to inspire pupils to develop a love of the digital world, see its place in their future and give teachers confidence. Cross-curricular links are also important in supporting other areas of learning and skills can be used across the whole curriculum. Our lessons help children to build on prior knowledge at the same time as introducing new skills and challenges, evident via developmental marking documented on Seesaw. In KS2, lessons will focus on algorithms, programming and coding in a complex way and for different purposes. Children also develop their knowledge of computer networks, internet services and the safe and purposeful use of the internet and technology. Children also build progressive skills to support data presentation in a range of multimedia. Lesson plans and end of unit assessment enable staff to feel confident in the progression of skills and knowledge and that outcomes have been met. Key vocabulary is explained and used regularly, as well as revisited, showing the progression of specific language involved in children’s learning so that teachers can also assess understanding and progress through vocabulary.

**Impact**

Learning in computing will be enjoyed across the school. Teachers will have high expectations and quality evidence will be presented in a variety of electronic forms. Children will use digital and technological vocabulary accurately, alongside a progression in their technical skills. They will be confident using a range of hardware and software and will produce high-quality purposeful products. Children will see the digital world as part of their world, extending beyond school, and understand that they have choices to make. They will be confident and respectful digital citizens going on to lead happy and healthy digital lives.