

**Kingfisher Primary School**

**Computing Rationale**

**Rationale**

At Kingfisher Primary, we aim to provide pupils with technological learning that enables them to explore and discover the world around them. To accomplish this, we provide lessons rooted in enquiry with practical hands-on experiences, which embed references to the real world so that the pupils recognise that the technology around them is an integral part of their world. We encourage a deeper understanding and curiosity with questioning, promoting and developing transferrable skills such as observation, communication and team work. Our objective is to provide lessons which consolidate prior knowledge, encourage deeper understanding which are rooted in exploration and creativity, in order to problem-solve. Above all, we want our Kingfisher Computing lessons to be enjoyed by all pupils so that they become well-rounded, lifelong learners.

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| **Intent** | **Implementation** | **Impact** |
| As a school we aim to:   * Provide an exciting, rich, relevant and challenging curriculum for all pupils * Infuse and equip pupils to use technology throughout their lives * Give pupils access to a variety of high-quality hardware, software and plugged resources * Teach pupils to become responsible, respectful and competent users of technology * Equip pupils with knowledge that will enable them to reap the benefits of the online world, whilst also minimising risk to themselves and others * Utilise computational thinking beyond the computing curriculum. | We aim to ensure that all pupils are provided with:   * A balanced curriculum that is suited to the needs of our pupils across the 3 areas of computing * Lessons demonstrate a substantive and disciplinary to teaching * Pupils use a variety of technology for a range of purposes     Staying safe online is integrated through other areas of the curriculum but is taught specifically in Computing and Personal Development. We specifically use the NCCE’s Teach Computing scheme of learnt so that are children have relevant and up-to-date teaching. | We believe our pupils will:   * Be digitally literate, in order to access the digital world in which we live * Equipped with knowledge and skills to use technology effectively * To understand the dangers and consequences of using the internet and use strategies in order to keep themselves safe online. |