

Statement of Intent for Computing

Our School Vision:



Achieve • Believe • Together

Achieve 'With God all things are possible' *Matthew 19:26* **Believe** 'Whatever you ask for in prayer is possible' *Matthew 21:22* **Together** 'I am the vine and you are the branches' *John 15:5*

Because we want our pupils to be "The best that we can possibly be and know that they have a valuable place in God's world'.

Intent

At St Werburgh's, we aim to create:

- autonomous, independent users of computing technologies, gaining confidence and enjoyment from their activities.
- enable pupils to explore and develop skills that will equip them for a fast-paced digital world.
- develop creativity, resilience, problem-solving and critical thinking skills.
- become responsible digital citizens by developing their understanding of themselves, within their community but also as members of a wider global community.

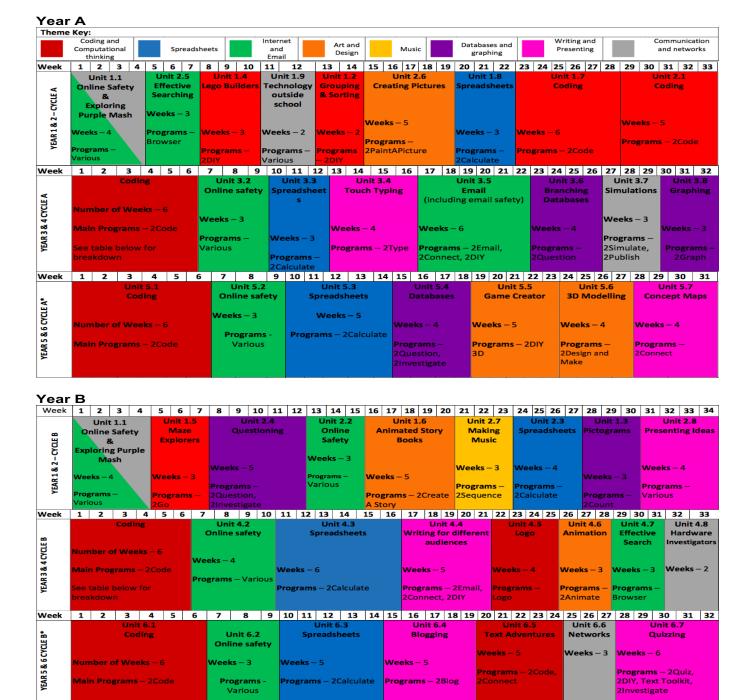
Implementation

To maintain a broad range of skills and understanding:

- Computing is taught across the three main strands of digital literacy, computer science and information technology.
- As part of information technology, pupils learn to use and express themselves, developing their ideas through ICT for example; writing and presenting, as well as through art and design using multimedia.
- Within digital literacy, pupils are taught to develop the practical skills of using technology safely, fostering an understanding of the safe use of the internet, email and networks.
- In computer science, pupils are taught to understand and apply the fundamental principles and concepts of computer science, including abstraction, logic, algorithms and data representation.
- Also, to analyse problems to computational terms, and have repeated practical experience of writing computer programs in order to solve problems.
- We also teach the progression of Computing vocabulary to support pupils' knowledge and understanding as they advance through the school.

At St Werburgh's, we give pupils access to a wide range of good quality resources and provide cross-curricular and real-life opportunities for pupils to apply their Computing knowledge and skills. Online safety is taught within each teaching episode, as an annual unit of work and in conjunction with PSHE. Online safety in communicated out to both staff and parents.

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Impact

Through fun, engaging and challenging Computing lessons, pupils will be proficient users of technology. The skills developed will enable them to express themselves creatively through digital media, allowing them to both conquer and flourish when faced with future challenges. The way pupils showcase, share and publish their work will best show the impact of our curriculum. Pupils will appreciate the impact Computing has on their learning, development and wellbeing and leave St Werburgh's prepared to build beyond their primary foundation our pupils will be:

- Confident and competent users of technology
- Critical thinkers that can solve problems
- Responsible, respectful and safe users of data, information and communication technology
- Creative and imaginative using technology to present, record and share their work to a wider audience
- Aware of technological uses and developments in the wider world.



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 offer exciting learning opportunities that will expand horizons, enthuse pupils and allow them to flourish. 	 autonomous, independent users of computing technologies, gaining confidence and enjoyment from their activities.
 enable pupils to explore their curiosities and develop their independence. encourage high aspirations and 	 enable pupils to explore and develop skills that will equip them for a fast- paced digital world.
personal resilience: embracing mistakes and challenges as part of the learning process.	 develop creativity, resilience, problem- solving and critical thinking skills.
 enable pupils to make positive contributions to their community and beyond. 	 become responsible digital citizens by developing their understanding of themselves, within their community but also as members of a wider global community.

File name: Statement of Intent for Computing v3 2021