




 Intent – we aim to...

impart children with the knowledge of risks online and how to remain safe whilst using technology independently.	give children the life-skills that will enable them to embrace and utilise new technology in a socially responsible and safe way.	enable children to be able to operate in the 21 st century workplace and know career opportunities that will be open to them using computing.	develop creativity, resilience and problem-solving skills by learning how to be ‘computational thinkers’.	provide a broad and balanced and progressive computing curriculum encompassing computer science, information technology and digital literacy, that is accessible to every child.
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 Implementation – How do we achieve our aim?

Planning – Computing is planned using the Teach Computing curriculum as a basis for our subject content as it provides us with a sound, research based progression of knowledge and skills. Teachers subsequently modify the units to fit in with our school’s learning within other subjects and our pupils’ prior knowledge.	Recording – Work is recorded in children’s individual computing books with short date and lesson title. Where possible, online work is printed and stuck in. Some lessons may require a paper-based activity, which will also be stuck into books.
Assessment – A range of formative assessment strategies are used throughout computing lessons. These may include, strategic questioning, group discussion and exit ticket questions. Teacher feedback is recorded in the class FeedForward book, and this informs teaching for the next lesson in the sequence.	Vocabulary - Developing the use of the correct vocabulary in computing is crucial and so key vocabulary is identified and listed for each session of a unit on the planning. This is recapped each lesson and children are encouraged to use correct, specific vocabulary when explaining their thinking when questioned or taking part in discussion.
EYFS - Our children’s journey in computing starts in EYFS, which is why our progression document begins here. ‘Computational thinking’ at Foundation Stage is covered in the ‘Mathematics’ and ‘Understanding the World’ area of the EYFS Curriculum. It is introduced through activities from Barefoot Computing that encourage every child to tinker, make, collaborate and persevere. They are also given opportunities to use logic, pattern, abstraction, algorithms and decomposition.	SEND - Our children with SEND access the computing curriculum through careful teacher assessment. Lessons are carefully planned and resourced to enable all children to access their learning at an appropriate level, helping them to engage and be challenged. Children are supported in a variety of ways e.g. support from Teaching Assistant, or peers and a range of differentiated activities.

 Impact – How do we know if we’ve achieved our aim?

Evidence shows progression of what is taught.	Children are enthused about computing lessons – they can talk confidently about what technology and programmes they use.	Children can talk about future careers using technology.	Children are equipped with digital literacy skills and knowledge, ready for life beyond primary school.	Our children and families are engaged in positive and open discussion around online safety.
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