



# ICT Vision & Intent



**Hand in hand together we can.....**

**Respect, Achieve, Enjoy, Believe**

**“And so encourage one another and help one another, just as you are now doing.”**

**1Thessalonians 5.11**

Our Curriculum Intent			
<p style="text-align: center;"><b>RESPECT</b></p> <p>To encourage and support children at every stage. To support children’s development as people who care about others within our own lives, within our local community and the wider world.</p>	<p style="text-align: center;"><b>ACHIEVE</b></p> <p>To champion a progressive curriculum that builds on previous knowledge and skills. To ensure we embed greater fluency, depth and independence. To Identify gaps and build skills. To achieve well and attain good standards based on children’s own starting point.</p>	<p style="text-align: center;"><b>ENJOY</b></p> <p>Children learn best when the enjoy school and their learning. Wide ranging, engaging, exciting and interesting curriculum.</p>	<p style="text-align: center;"><b>BELIEVE</b></p> <p>Through our shared Christian values, we can make a difference in our school, our community and the wider world.</p>
<p style="text-align: center;"><b>VOCABULARY</b></p> <p>We prioritise the development of children’s vocabulary as a vital tool in learning and understanding the full curriculum.</p>		<p style="text-align: center;"><b>READING</b></p> <p>We recognise that reading is the key that unlocks all other learning for children.</p>	

Our ICT Vision			
<p style="text-align: center;"><b>RESPECT</b></p> <ul style="list-style-type: none"> <li>• We recognise that education is the key to safe and responsible technology usage.</li> </ul>	<p style="text-align: center;"><b>ACHIEVE</b></p> <ul style="list-style-type: none"> <li>• To prepare children for their futures in a modern, digital world.</li> <li>• For children to be fluent with a range of digital tools.</li> </ul>	<p style="text-align: center;"><b>ENJOY</b></p> <ul style="list-style-type: none"> <li>• Computing can support creativity and cross curricular learning to engage and enrich their school experiences.</li> </ul>	<p style="text-align: center;"><b>BELIEVE</b></p> <ul style="list-style-type: none"> <li>• We want children to recognise there is always a choice when using ICT.</li> <li>• Technology can be used as a form of self-expression when used with a positive and responsible attitude.</li> </ul>
<p><b>VOCABULARY AND READING</b></p> <p>Children will be taught to understand and use key vocabulary linked to digital literacy, computer science and information technology. The language used will be appropriate to each stage of learning and will build upon the skills and knowledge progression of the National Curriculum.</p>			



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## By the end of EYFS children will know and be able to...

### ELG: Technology

Recognise that ranges of technologies are used in places such as homes and schools.  
 They select and use technology for particular purposes.  
 Collect information

## By the end of K.S. 1 children will know and be able to ...

Computer Science (CS)	Information Technology (IT)	Digital Literacy (DL)
Understand what algorithms are Create simple programs	Use technology purposefully to create, store and retrieve digital content	Use technology safely Keep personal information private Recognise common uses of information technology beyond school.

## By the end of LKS 2 children will know and be able to ...

Computer Science (CS)	Information Technology (IT)	Digital Literacy (DL)
Write programs that accomplish specific goals Use sequencing in programmes Work with various forms of input and output. Design and create programs Debug programs that accomplish specific goals Use repetition in programs Control or simulate physical systems Use logical reasoning to detect and correct errors in programs	Use search technology effectively Use a variety of software to accomplish given goals Collect information Design and create content Present information Use a variety of software to accomplish given goals	Use technology responsibly Identify arrange of ways to report concerns about contact Understand the opportunities computer networks offer for communication Identify a range of ways to report concerns about content Recognise behaviour acceptable/unacceptable

## By the end of UKS 2 children will know and be able to ...

Computer Science (CS)	Information Technology (IT)	Digital Literacy (DL)
Solve problems by decomposing them into smaller parts Use selection in programs Work with variables on programmes Use logical reasoning to explain how some simple algorithms work Use logical reasoning to detect and correct errors in algorithms Understand computer networks including the internet Appreciate how search results are ranked	Combine a variety of software to accomplish given goals Select, use and combine software on a range of digital devices Analyse data Evaluate data Design and create systems	Understand the opportunities computer networks offer for collaboration Be discerning in evaluating digital content