



# Computing

There is a shared core in all stages of the curriculum	Shared strands across each Key Stage	Its goes beyond the National Curriculum	Equality and diversity
<p>At the heart of the computing curriculum:</p> <ul style="list-style-type: none"> <li>• Digital Literacy</li> <li>• Computer science</li> <li>• Information technology</li> </ul>	<p>Algorithms            Computing systems            Creating media            Data and information            Design and development            Effective use of tools            Networks            Programming            Safety and security            Impact of technology</p>	<p>Extra-curricular computing clubs enable pupils to explore a wider breadth of information technology</p> <p>Digital Leaders raise the profile of computing across the school and build leadership skills</p> <p>Careers in Computing sessions inspire the next generation of computing leaders</p>	<p>Increase the number of girls studying Computing in KS4</p> <p>Digital Leaders supporting and teaching KS3 pupils</p> <p>Topics relating to diverse figures such as Ada Lovelace</p> <p>Displays showcase diversity within computing</p> <p>Diverse lesson resources used from NCCE and code.org</p>

**Weekly Guided learning hours:** EYFS - daily in provision, KS1 - 1 , KS2 - 1 , KS3 - Yr 7 - 1 , Yr 8/ 9 -2 , KS4 - 3, KS5 - 5

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