

**Curriculum Implementation**

At West Kidlington, we follow the Computing National Curriculum aims through our own broad, balanced, and progressive curriculum. Each session is **adapted to suit the needs of our children, so that they are engaged, challenged, and continually building on their previous understanding**. From EYFS through to Y6, we cover the three key strands in Computing: Computer Science, Information

Technology & Digital Literacy. Along with eight Online Safety topics, based on ‘Education for

A Connected World’ - Project Evolve framework.

To ensure our children are good digital citizens, online safety is taught regularly and is part of our everyday lives at West Kidlington. We constantly use SMART Rules and our school values, including the 4Rs (Respect, Responsibility, Reasoning & Resilience).

We provide multiple reporting routes like the

CEOP reporting tool via our website, as well as Childline, for our older children.

During computing activities, we provide a range of investigations, key questions,

and scenarios to **motivate and encourage active learning** throughout, relating them to everyday situations. We embed key vocabulary throughout lessons using verbal repetition actions, and sentence stems. Visitors are invited to speak to parents and pupils about topics related to our curriculum and we take part in national online safety assemblies, lessons, competitions, events, and clubs to broaden our horizon on relevant topics.







**Computing**

**Curriculum Impact**

By the end of KS2 pupils will be able to understand and apply the fundamental principles of computer science, including logic, algorithms, data representation, and communication to

* navigate the online world safely and understand how to report concerns
* apply computational thinking to a range of contexts
* be passionate about the use of information technology
* demonstrate their skills and understanding of computing
* be responsible, competent, confident, and creative users

of information and communication technology

Continuous assessment for learning takes place through observations, pupil conferencing and verbal feedback.

Teachers continually assess pupil understanding to inform future lessons, ensuring **children are supported and challenged appropriately**. Examples of children’s work are added to the class ‘floor book’ to ensure progression.

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**Curriculum Intent**

At West Kidlington we aim to **prepare our learners for their future** by giving them opportunities to gain key vocabulary and knowledge and to develop skills that will equip them for an ever-changing digital world. **Knowledge and understanding of IT is of increasing importance for the children’s future** at home, school and for employment. Computing is part of our wider curriculum and focuses on a progression of skills in digital literacy, computer science, information technology and online safety. This ensures that our children become competent in safely using, as well as understanding, technology. Our intention is that Computing also supports children’s creativity and cross curricular learning to **engage children and enrich their experiences and their learning**.

