REACH FOR THE STARS

Respect - Empathy - Aspirations - Courage - Honesty

THE INTENT, IMPLEMENTATION AND IMPACT OF THE COMPUTING CURRICULUM

Our vision is that all children will be confident and capable electronically, knowing how to use technologies proficiently and safely, in a world increasingly dependent on computing.

INTENT

Our computing intent is to ensure that all our children leave us with proficient skills in a wide range of disciplines: internet searching, coding, media creation, document and presentation creation and an understanding of computer systems and networks. Coupled with these skills and areas of knowledge, we ensure that all learners have a secure understanding of how to stay safe online, recognise positive or harmful online relationships and report any concerns with confidence. Staying safe online is linked to our Relationships and Health Education (RHE) curriculum where the learning is layered across the entire Wildmoor curriculum, including:

- *Respectful Friendships*
- *Online Relationships*
- *Being Safe*
  Mental Well-being
- *Internet Safety and Harms*
- *Drugs, Alcohol and Tobacco*

IMPLEMENTATION

We implement our computing curriculum in a carefully mapped, sequence and progressive way, using the Purple Mash scheme of work, focusing on Computer Science, Digital Literacy and Information Technology. We ensure that learners are well prepared for transition to secondary school where it is essential that they have a strong command of various applications to access the full secondary curriculum and make optimal progress.

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
YEAR 1	Online Safety	Grouping and Sorting Pictograms	Lego Builders	Maze Explorers	Coding	Animated Stories Tech Outside School
YEAR 2	Coding Online Safety	Spreadsheets Questioning	Questioning Effective Searching	Creating Pictures	Making Music	Presenting Ideas
YEAR 3	Coding	Online Safety Spreadsheets	Touch Typing	Email	Branching Databases Simulations	Presenting (with Microsoft PowerPoint)
YEAR 4	Coding	Online Safety Effective Searching	Spreadsheets	Writing for Different Audiences	Logo Animation	Hardware Investigators Making Music
YEAR 5	Online Safety Coding	Databases	Online safety Spreadsheets	Game Creator	Online Safety Modelling Concept Maps	Word Processing (with Microsoft Word)
YEAR 6	Online Safety	Coding	Spreadsheets (with Microsoft Excel)	Blogging	Networks	Online Safety

IMPACT

We aim to make children at Wildmoor Heath digitally literate and able to join the rest of the world on its digital platform. They will be equipped, not only with the skills and knowledge to use technology effectively and for their own benefit, but more importantly – safely. The biggest impact we want on our children is that they understand the consequences of using the internet and that they are also aware of how to keep themselves safe online. As children become more confident in their abilities in Computing, they will become more independent and key life skills such as problem-solving, logical thinking and self-evaluation become second nature. Proficient users of technology who are able to work both independently and collaboratively and safely.