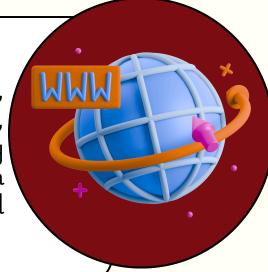


Intent

Our curriculum equips children with essential technology skills, enabling them to grasp key Computer Science principles, such as logic, algorithms, and data representation, analyse problems computationally and gain hands-on coding experience to solve them, apply information technology effectively and analytically to problem-solving and communicate ideas using various digital tools across subjects.



<u>Implementation</u>

Emerson Valley school uses the Purple Mash Computing Scheme of Work to deliver engaging lessons that enhance learning and meet national Computing standards. The scheme offers flexibility, cross-curricular links, and integrates with the 2Simple Computing Assessment Tool. It also provides strong support for teachers, especially those less confident in teaching Computing.

<u>Impact</u>

The Computing curriculum at Emerson Valley is well-structured to ensure progression. Students who keep up are considered to be making good progress. The curriculum aims to make children digitally literate, equipping them with the skills to use technology effectively and safely. A key focus is on internet safety and understanding the consequences of online actions. As their confidence grows, students will develop independence and essential life skills like problem-solving, logical thinking, and self-evaluation.

