



Why, How and What Oak Hill's Computing Curriculum

Why

- Computational thinking is central to developing in computing and has close ties to maths, science and design and technology.
- Computing is a fundamental skill to develop effectively in the modern and future world.
- A solid understanding of core computing skills supports learning across many areas of the curriculum.

How

- Computational skills develop initially without the use of technology.
- Ensure links are highlighted between computing to other areas of the curriculum to strengthen understanding across subjects.
- Teachers' subject knowledge needs to be regularly updated to keep pace with the changes taking place in computing.
- Resources need to be budgeted for to ensure we keep up with current developments to complement the teaching and learning of computing.

What

- High quality teaching.
- Use computers to support learning across the curriculum.
- Cross curricular links are highlighted to pupils to help develop understanding eg maths and computing skills.
- Computing both with and without computers to ensure a good understanding of the fundamentals of computational thinking.