Computing Intent Statement

At Norden, our computing curriculum is designed to enable children to become masters of technology, developing life-skills that will enable them to embrace and utilise new technology in a positive, responsible and safe way. Enabling children to develop their understanding and use of technology through practical and exploratory opportunities using deliberate practice to develop their understanding. We want all pupils to be digitally literate and competent users of technology and through our computer science based lessons we also want them to develop creativity, resilience and problem-solving skills by learning how to be effective 'computational thinkers'.

Our computing curriculum aims to ensure that all pupils have the opportunity to develop a wide range of digital skills, experiences and competencies. The curriculum overview follows eight strands, based around three key areas of computing 'Computer science' 'Information Technology' and 'Digital Literacy'. Key knowledge, understanding and skills are progressively built upon to ensure a clear progression of substantive and disciplinary knowledge within each year group from the EYFS Framework (Understanding the World) to Year 6. With learning outcomes covered within the following eight strands

- Spreadsheets
- Internet and Email
- Art and Design
- Music
- Databases and graphing
- Writing and Presenting
- Communication and network

Through our curriculum we aim to help pupils understand the pivotal role technology plays in their lives and equip them to participate in a rapidly changing digital world. We want our pupils to be able to operate in the 21st century workplace and to have the confidence to pursue the career opportunities that will be open to them through computing.