



Computing Statement

Our vision is for pupils to become independent, motivated learners and responsible citizens.



Core values

Honesty	<ul style="list-style-type: none"> Telling the truth Taking responsibility for your actions
Positivity	<ul style="list-style-type: none"> Looking for the good Trying new things
Determination	<ul style="list-style-type: none"> Keep trying Learning from your mistakes
Respect	<ul style="list-style-type: none"> Caring for everyone Being polite and friendly
Democracy	<ul style="list-style-type: none"> Deciding together Listening to others & sharing ideas
Individuality	<ul style="list-style-type: none"> Believing in yourself Asking questions and having ideas
Rule of Law	<ul style="list-style-type: none"> Following the rules Sharing & taking turns

Intent

Our computing policy follows the national curriculum for computing (2014) and aims to ensure that all pupils:

- can understand and apply the fundamental principles and concepts of computer science, including abstraction, logic, algorithms and data representation
- can analyse problems in computational terms, and have repeated practical experience of writing computer programs in order to solve such problems
- can evaluate and apply information technology, including new or unfamiliar technologies, analytically to solve problems
- are responsible, competent, confident and creative users of information and communication technology

We aim to inspire and maintain our pupils' sense of excitement and curiosity about the world around them. We aim to give pupils a broad education that encourages creativity and equips them with the knowledge and skills to understand and change the world. The computing curriculum should bring new challenges and opportunities that should excite and empower all pupils.

Implementation

Computing is planned and organised through the iCompute Curriculum. Teachers have been provided with a Progression of Skills alongside the Scheme of Work. This outlines the key skills pupils should learn and demonstrate for each year group. Teachers are expected to complete an initial assessment at the start of each unit. This initial assessment informs planning and is revisited at the end of each unit. In our school, reading and writing opportunities are imbedded in each Computing topic in the form of an evaluation completed by the children at the end of the topic. This written evaluation will also focus on the year groups specific writing target for English. Each year group begins with the iSafety unit of work to ensure the proper safeguarding of our children. At the end of this first topic, children will complete a written activity to evidence their knowledge about online safety.

Impact

Attainment descriptors are used to determine pupil attainment as either 'Working towards <', 'Working at =' or 'Working above >' age-related expectations for Computing. Once each term, class teachers will assess children against these descriptors, taking an average from the units covered and the investigations carried out within them. This will then be passed onto the Computing subject leaders. The Computing subject leader will monitor the subject through work scrutinies; lesson dips and climate walks.