**Curriculum Intent**

At Kirkby CE Primary School, we believe deeply in the importance of helping our pupils develop as a whole person – happy and ready to take the next steps into their education and lives beyond primary school, regardless of their starting point.  We celebrate our difference.

Our aim is to create an exciting, interesting set of activities that are underpinned by the knowledge, skills and understanding relevant for each year group.

Computing will promote and foster confidence, independence, co-operation and self-esteem throughout the time the children are at Kirkby CE Primary School, which will prepare them for life in 21st Century Britain.

Our offer is underpinned by our vision and ethos of ‘Building on a tradition of achievement and values in a caring environment”. We want all of our children at Kirkby CE to leave with a range of experiences, the self-belief to excel and to understand the feeling of enjoyment.

The primary purpose of our curriculum is to guarantee a successful learning experience for every child. With this in mind, we are committed to ensuring that every child is developed to their full potential within Computing.

* Every child will be educated to the highest possible standard, as set by the Department for Education.
* Every child, in every lesson, will be provided with opportunities to: be engaged in, challenged and process their learning.
* Every child will be provided with opportunities to increase their self-esteem, motivation and aspirations.
* Every child will be encouraged to be enterprising, creative and resilient in order that they may succeed in an ever-changing world.
* Every child will be provided with opportunities to experience the wider world as a core part of their curriculum.
* Every child will be taught about budgeting and financial management in order that they may succeed in an increasingly unpredictable financial world.

Our daily assessments and timely feedback means that teachers and pupils always know exactly how much progress they are making and where they may need more help.

Our clear curriculum overviews and medium term plans are designed to:

* Develop strong characters in order to be resilient and cope with adversity.
* Develop creative individuals who collaborate and co-operate and can solve problems seeing failure as an opportunity to learn.
* Develop pupils who can think critically and care about their learning so they always do their best.
* Develop pupils who care about their role as part of a family, community and the wider world; encouraging them to feel part of, and to contribute positively to fundamental British values.
* Ensure all pupils have high aspirations.
* Develop a thirst for learning for all pupils

**Planning and Teaching**

We want all of our children at Kirkby CE to leave with a range of experiences, the self-belief to excel and to understand the feeling of enjoyment.

Our curriculum is carefully crafted so that our children develop their academic, social and cultural capital.

Teachers use carefully chosen experiences to enhance the subject taught.

Based on our knowledge of the National Curriculum 2014, we have broken down the programmes of study into a series of skills and knowledge and our long term curriculum plans show how at Kirkby CE we intend to cover the fundamental concepts of Computing. This includes the building of skills and concepts over time.

We recognise children’s prior learning, encourage the children to develop interpersonal skills, build resilience and become creative, critical thinkers. Children are supported to achieve their potential and progress with confidence to the next phase of their education.

Our approach to teaching and learning supports our curriculum by ensuring that lessons build on prior learning and provide opportunities for guided and independent practice. The development of children’s knowledge and skills across all primary subjects is key when building on prior learning, this supports pupils for the next stage of their learning.

**Aims and objectives in Computing**

At Kirkby CE, we understand the immense value technology plays not only in supporting the Computing and whole school curriculum but overall in the day-to-day life of our school. We believe that technology can provide: enhanced collaborative learning opportunities; better engagement of pupils; easier access to rich content; support conceptual understanding of new concepts and can support the needs of all our pupils.

We aim to:

• Provide an exciting, rich, relevant and challenging Computing curriculum for all pupils.

• Teach pupils to become responsible, respectful and competent users of data, information and communication technology.

• Provide technology solutions for forging better home and school links.

• Enthuse and equip children with the capability to use technology throughout their lives.

• Teach pupils to understand the importance of governance and legislation regarding how information is used, stored, created, retrieved, shared and manipulated.

• Utilise computational thinking beyond the Computing curriculum.

• Give children access to a variety of high quality hardware, software and unplugged resources.

• Equip pupils with skills, strategies and knowledge that will enable them to reap the benefits of the online world, whilst being able to minimise risk to themselves or others.

• Exceed the minimum government recommended/statutory guidance for programmes of study for Computing and other related legislative guidance (online safety).

• Instil critical thinking, reflective learning and a ‘can do’ attitude for all our pupils, particularly when engaging with technology and its associated resources.

• Use technology imaginatively and creatively to inspire and engage all pupils, as well as using it to be more efficient in the tasks associated with running an effective school.

**Resources**

We follow the Purple Mash Scheme of work in computing:

• All resources are procured with the underlining considerations of value: The extent at which the resource impacts on learning and the material cost of this.

• The Computing Leader keeps up to date with the latest technology resources and will make informed decisions about possible procurement of them through their own research.

• A range of resources is available which successfully supports delivering the Computing curriculum and enables all learners to reach their full potential.

• Resources are suitably maintained and replenished when needed, which is overseen by the Computing Leader.

**Health and Safety**

Purple Mash School takes all necessary measures to ensure both staff and pupils are aware of the importance of health and safety.

Both staff and pupils are trained to handle electrical equipment correctly including how to power off and on. Pupils are reminded about the dangers of electricity and the danger signs to look out for. Adequate displays and warning signs are strategically placed around the school to reinforce health and safety

**Assessment**

Assessment in Computing is used to inform planning and facilitate differentiation. The assessment of children’s work is on-going to ensure that understanding is being achieved and that progress is being made. Afl is used to offer clear feedback and improve a child’s involvement and progress.

At the end of each topic the class teacher must plan and undertake an assessment task with the class and complete a tracking assessment sheet stating if each child is working towards the expected standard, at the standard or at greater depth.

• Pupil attainment is assessed using the 2Simple Computing Assessment Tool for Years 1 to 6. The tool enables staff to accurately identify attainment of pupils through the detailed exemplification it has for each key learning intention.

• Teachers keep accurate records of pupil attainment by entering data using the 2Simple Computing Assessment Tool.

• Tracking of attainment by using the 2Simple Computing Assessment Tool is used to inform future planning.

• Children are encouraged to self, peer and group assess work in a positive way using online collaborative tools such as 2Blog in Purple Mash.

**Monitoring**

The Subject Leader will monitor progress according to the monitoring timetable. Subject leaders are expected to monitor in the following way over the course of the academic year:

* Learning walks;
* Pupil conferencing;
* Book scrutiny including learning logs;
* Planning scrutiny
* Lesson drop ins

Adequate notice should be given and provide a clear focus for any activity that is due to be undertaken. The outcomes of any monitoring activity is feedback to the SLT and Staff through the relevant meetings.

Progress should be clearly evident over the course of Computing topics.

**Staff Development**

Staff CPD within Computing is linked to the school development plan. If a member of staff asks for support then the subject leader can offer this themselves through coaching and mentoring or will find a suitable course for that teacher to attend (subject to SLT approval and budget). Subject leaders may also lead parts of INSET days and staff meetings to ‘cascade’ information through the school or to train all staff in a particular area.

**Equality**

Please refer to the school’s equal opportunities policy for further information.

All pupils have equal rights to access learning opportunities across the whole curriculum irrespective of ethnicity, religion, gender, disability or social circumstances.A wide variety of strategies can be used to ensure that teaching meets the needs of different groups of pupils. These include:

* Differentiating lessons (through use of resources, tasks, level of support, outcome);
* Using a range of teaching styles to match the range of learning styles represented in a typical class;
* Ensuring the classroom environment is safe and secure and accessible for all.

**Policy was compiled by Dale Mawson Computing Subject Lead**

**Date of Policy: Autumn 2021**

**Date of Review: September 2023**