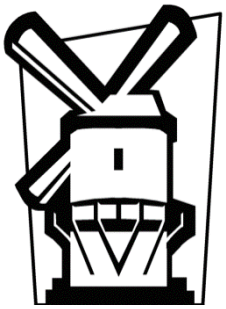
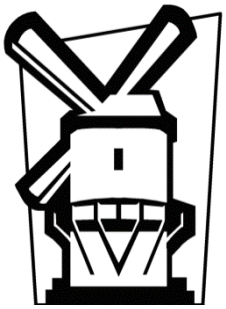
Great Paxton CE Primary School
Policy Statement on



Computing



Mission Statement

We build upon strong foundations of excellent teaching, with high expectations of children's achievements, encouraging all pupils to aspire to be the very best that they can be in the future.

We do this by:

- being generous and visible people of Jesus Christ, helping our local community to discover together the transforming presence of God in our lives.
- striving to provide and maintain for our pupils an education that provides opportunities so that they can explore and develop their own values and beliefs, spiritual awareness, high standards of personal behaviour, a positive caring attitude towards other people, an understanding of their social and cultural traditions and an appreciation of the diversity and richness of other cultures.
- promoting the fundamental British values of democracy, the rule of law, individual liberty and mutual respect and tolerance of those with different faiths and beliefs.

Policy agreed: **Summer 2025**

Leader: **Headteacher**

Date for review: **Summer 2028**

Intent

The use of computing and information and communication technology is an integral part of the national curriculum and is a key skill for everyday life. Computers, tablets, programmable robots, digital video cameras are a few of the tools that can be used to acquire, organise, store, manipulate, interpret, communicate and present information. At Great Paxton CE Primary school we recognise that pupils are entitled to quality hardware and software and a structured and progressive approach to the learning of the skills needed to enable them to use it effectively. The purpose of this policy is to state how the school intends to make this provision.

At Great Paxton CE Primary School, we aim to provide a high-quality Computing curriculum that will equip children with the skills and knowledge they need to use technology safely, responsibly and creatively, in the home and beyond and inspire a lifelong love of play, design, code and invention with technology. For this, we follow the KAPOW Primary Scheme of Work.

National Curriculum Aims

Computer Science
• To enable children to become confident programmers on a range of devices.
• To create opportunities for collaborative and independent learning.
• To develop children's understanding of technology and how it is constantly evolving

Digital Literacy
• To enable a safe computing environment through appropriate computing behaviours.
• To promote pupils' spiritual, moral, social and cultural development.

Information Technology
• To develop IT as a cross-curricular tool for learning and progression.
• To promote learning through the development of thinking skills.
• To enable children to understand and appreciate their place in the modern world.
• To ensure IT is used, when appropriate, to improve access to learning for pupils with a diverse range of individual needs, including those with SEN and disabilities.

Implementation

Our scheme of work, which follows Kapow, is designed with three strands which run throughout:

- Computer science
- Information technology
- Digital literacy

Our National Curriculum Mapping document outlines which of our units address each of the national curriculum attainment targets as well as the above three strands.

Our skill progression chart depicts the skills taught in each year group and how these skills develop year after year to ensure that achievement targets are met by the end of each key stage.

The Kapow Primary scheme is divided into five key areas, forming a cyclical path for pupils to develop their computing knowledge and skills by revisiting and building on previous knowledge:

- Computer systems and networks
- Programming
- Creating media
- Data handling
- Online safety

Kapow Primary Computing ensures a broad and balanced coverage of the National Curriculum requirements, and our 'Skills showcase' units allow pupils to learn and apply transferable skills. Units have been created to link to other subjects such as science, art, and music where appropriate, allowing for the development of additional transferable skills and genuine cross-curricular learning.

Lessons include a variety of teaching strategies such as independent tasks, paired and group work, and unplugged and digital activities. Because of this variety, lessons are engaging and appealing to pupils with a variety of learning styles. Differentiated guidance is available for each lesson to ensure that all pupils can access it, and opportunities to stretch pupils' learning are available when needed. Each unit's knowledge organisers assist pupils in developing a foundation of factual knowledge by encouraging recall of key facts and vocabulary.

Strong subject knowledge is required for staff to deliver an effective and robust computing curriculum. Each of our lesson units includes teacher videos to help staff develop subject knowledge and support ongoing CPD. Additional CPD opportunities are available through Kapow webinars with Computing subject specialists. Teachers may lack confidence in delivering the computing curriculum, and every effort has been made to ensure that they feel supported in delivering high-quality lessons that ensure pupil progression.

Computing is taught weekly, throughout the academic year, by class teachers. This allows teachers to see, where the skills being learned in computing, can be further developed in a cross-curricular way.

Resources Across the school:

- We use Chromebooks to deliver the curriculum.
- Teaching staff have been trained in the use of Google Classroom in order to support the whole curriculum.
- Interactive boards are available in every classroom and the main intervention room.
- Cameras are available for recording

Each year we participate in Internet Safety Week, while across the year Internet Safety is also covered as a unit within our PSHE curriculum, for each year group. Pupils in Year 6, attend a half-day Crucial Crew workshop provided by the LA, where one of the units covered is online safety (including how to prevent cyber-bullying).

Impact

The impact of the computing curriculum can be seen in the digital work that pupils save, as well as the assessment of pupils' knowledge and skills during lessons.

Through formative and summative assessment opportunities, computing can be continuously monitored. Each lesson includes guidance to assist teachers in assessing pupils against the learning objectives, and each unit includes a unit quiz and knowledge catcher that can be used at the beginning and/or end of the unit.

Our pupils should leave school with a variety of skills that will enable them to succeed in high school and be active participants in the ever-expanding digital world.

Following the Kapow Primary Computing scheme of work is expected to result in children:

- Be critical thinkers capable of making informed and appropriate digital decisions in the future.
- Understand the significance of computing in their future educational and professional lives, as well as their social and personal lives.
- Understand how to strike a healthy and appropriate balance between time spent on technology and time spent away from it.

• Recognize how technology can help them showcase their ideas and creativity. They will understand that various types of software and hardware can assist them in achieving a wide range of artistic and practical goals.

• Demonstrate a clear progression of technical skills across all areas of the National curriculum, including computer science, information technology, and digital literacy.

• Be able to use technology both independently and as part of a team.

• Be aware of online safety issues and protocols, as well as the ability to handle any problems in a responsible and appropriate manner.

• Be aware of technological developments and understand how current technologies work and interact with one another.

• Meet the end-of-key-stage expectations outlined in the Computing National Curriculum.

Equality Impact Assessment

The following statement must be included on all policies:

Under the Equality Act 2010 we have a duty not to discriminate against people on the basis of their age, disability, gender, gender identity, pregnancy or maternity, race, religion or belief and sexual orientation.

This policy has been equality impact assessed and we believe that it is in line with the Equality Act 2010 as it is fair, it does not prioritise or disadvantage any pupil and it helps to promote equality at this school. (See Initial Equality Impact Assessment).

Linked policies/documents

- E-safety
- Data Protection Policy
- IT Security Policy
- Acceptable Use Policies - Appendix
- Computing Progressions of Skills - Kapow
- Computing Long Term Plans - Kapow
- Computing Key Skills and Knowledge - Kapow

EYFS and Key Stage 1
Acceptable Use Policy / Agreement

- I only click on links and buttons online when I know what they do.
- I keep my personal information safe.
- I will not share my passwords with anyone.
- I only send messages online which are polite and friendly.
- I know the school/setting can see what I am doing online.
- I always tell an adult/teacher/member of staff if something online makes me feel unhappy or worried.
- I know what might happen to me at school if I do not follow the rules:
    - I may not be allowed to use computers unsupervised
    - I may not be allowed to access the internet
    - My parents/carers will be informed
- I have read and talked about these rules with my parents/carers

Agreement

I am signing below to show that I have discussed this with my child and they understand that they must try to abide by these rules.

Pupils Name	
Parent/Carer Signature	
Date	

Key Stage 2 Acceptable Use Policy / Agreement

My Online Safety Rules

- I will only use school IT equipment for activities agreed by school staff.
- I will only delete my own files unless my teacher gives me permission to delete someone else's. I will not look at other people's files.
- I will not use my personal email address or other personal accounts in school when doing school work.
- I will not sign up for any online service on school devices unless this is an agreed part of a school project approved by my teacher and agreed by my parent/carer.
- I will only open email attachments if it has been approved by a member of school staff in school or a parent/carer out of school. If I am unsure about an attachment, I will ask an adult for help.
- I will not tell anyone other than my parents/carers my passwords. I will not use other people's usernames or passwords to pretend to be them online.
- I will make sure that all online contact I make is responsible, polite and sensible. I will be kind and respectful at all times.
- I will not deliberately look for, save or send anything that someone could find unpleasant or upsetting. If I come across anything upsetting, unpleasant or nasty, or anything that makes me feel unsafe, I will tell my teacher or my parent/carer immediately.
- If someone says, asks or posts anything upsetting, unpleasant or nasty, about me or anything that makes me feel unsafe, I will not reply. I will tell my teacher, my parent/carer or another trusted adult immediately.
- I will not give out my own or other people's personal information such as name, phone number, home address, interests, schools or clubs. If I have to use a name online, I will use an anonymous nickname. I will tell my teacher or parent/carer if anyone asks me online for personal information.
- Uploading or sending my image (photographs, videos, live streaming) online puts me at risk. I will always seek permission from my teacher or parent/carer if I wish to do this. I will not take, share or upload any image of anyone else without their permission and also, if they are a child, without their parent's/carer's permission.

- Even if I have permission, I will not upload any images, videos, sounds or words that **could** upset, now or in the future, any member of the school community, as this is cyberbullying.

- I understand that some people on the internet are not who they say they are, and some people are not safe to be in contact with. I will not arrange to meet someone I only know on the internet. If someone asks to meet me, I will not reply to them and I will tell a teacher or a parent/carer immediately.

- I understand that everything I do or receive online can be traced now and in the future. I know it is important to build a good online reputation.

- I know the school/setting can see what I am doing online.

- I understand that some personal devices are allowed in school and some are not, and I will follow the rules. I will not assume that new devices can be brought into school without getting permission.

- I will not lie about my age in order to access games, apps or social networks that are for older people as this will put me at risk.

- I understand that these rules are designed to keep me safe now and in the future. If I break the rules my teachers will look into it and may:

    - Speak to me about my behaviour

    - Speak to my parents/carers about my use of technology

    - Remove me from online communities or groups

    - Not allow me to use laptops/computers or other mobile devices to access the internet, school computer network or particular programmes and apps.

    - Take any other action necessary to keep me and others safe.

Agreement

I am signing below to show that I understand and will try to abide by these rules.

Pupils Name	
Signed	
Date	