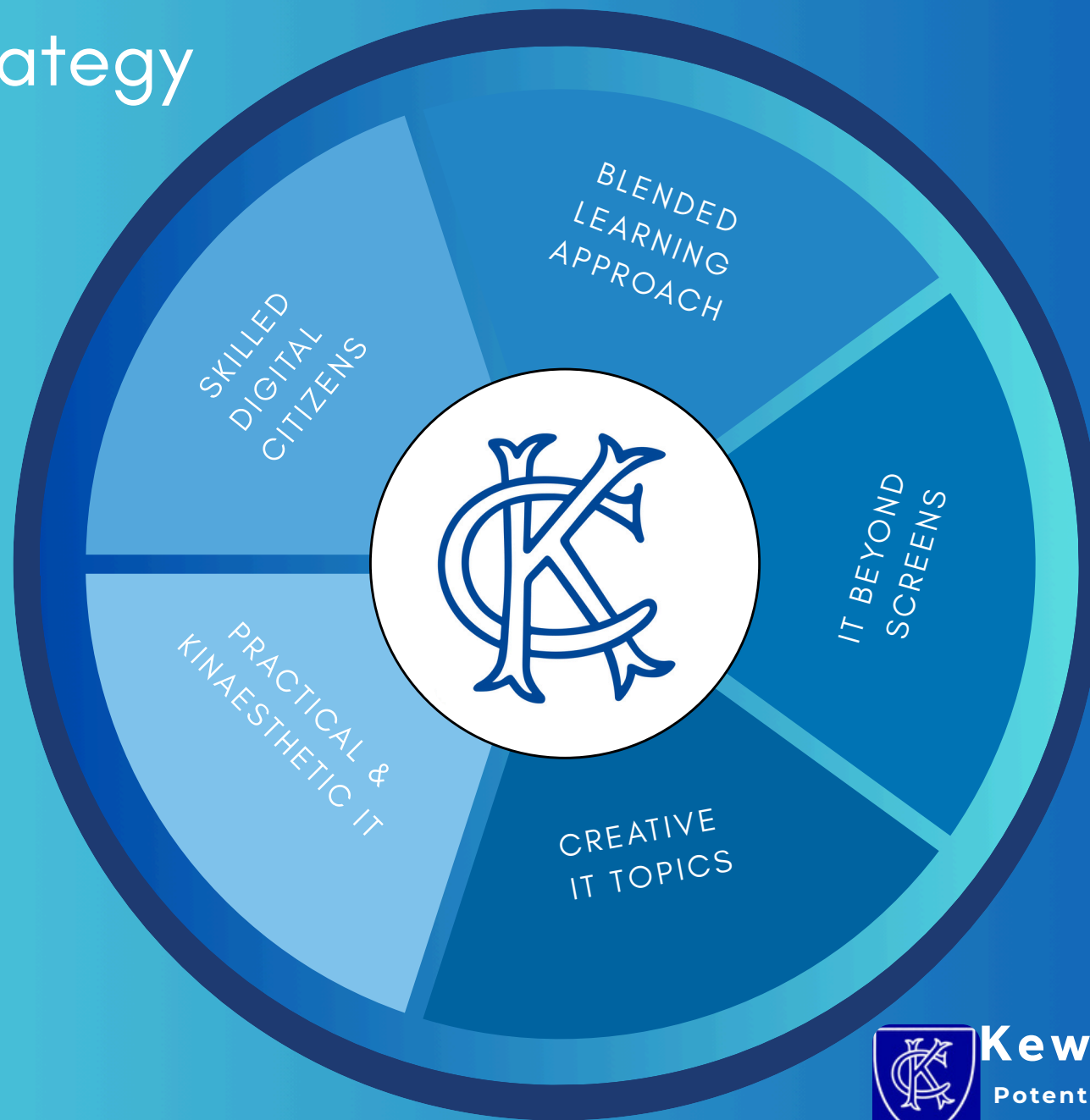


Digital Strategy



Kew College Prep

Potential unlocked.

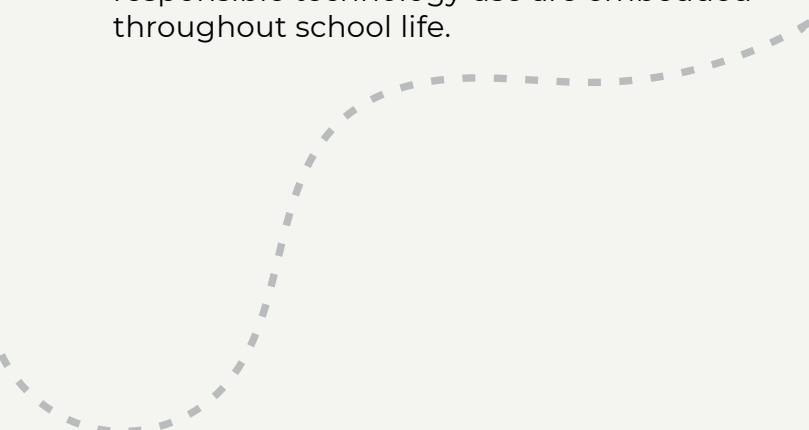
www.kewcollegeprep.com

Kew College Prep, 24-26 Cumberland Road, Kew, Richmond, Surrey, TW9 3HQ

What is the digital strategy?

The Digital Strategy brings together the technological developments within our curriculum, teaching, operations and infrastructure. It plays a key role in our vision to develop digitally literate learners who are prepared for the opportunities and challenges of the modern world.

Key principles:

- Technology enhances, rather than replaces, high-quality teaching and learning.
 - Digital tools are adopted thoughtfully where they add clear value and support pupil outcomes.
 - Consistency is promoted where beneficial, while allowing flexibility to meet different needs across the school.
 - Investment in technology is supported by appropriate resources, training and staff development.
 - Digital literacy, online safety and responsible technology use are embedded throughout school life.
- 

Our Vision:

At Kew College Prep, we aim for pupils to develop an age-appropriate mastery of ICT while recognising its place alongside traditional approaches to learning. We believe that ICT should equip children for the next stage of their education and for life beyond the classroom, without diminishing the value of traditional learning methods or their sense of wonder and curiosity about the natural world.

We want our pupils to be masters of technology, not slaves to it. Therefore, we actively model and promote the positive, responsible and safe use of technology. By integrating technology thoughtfully across the curriculum, we provide accessible and innovative learning experiences that empower pupils to become creators rather than simply consumers. Through this approach, pupils develop confidence and independence in using a range of digital tools to express their understanding, enhance their learning and realise their potential.

The Purpose:

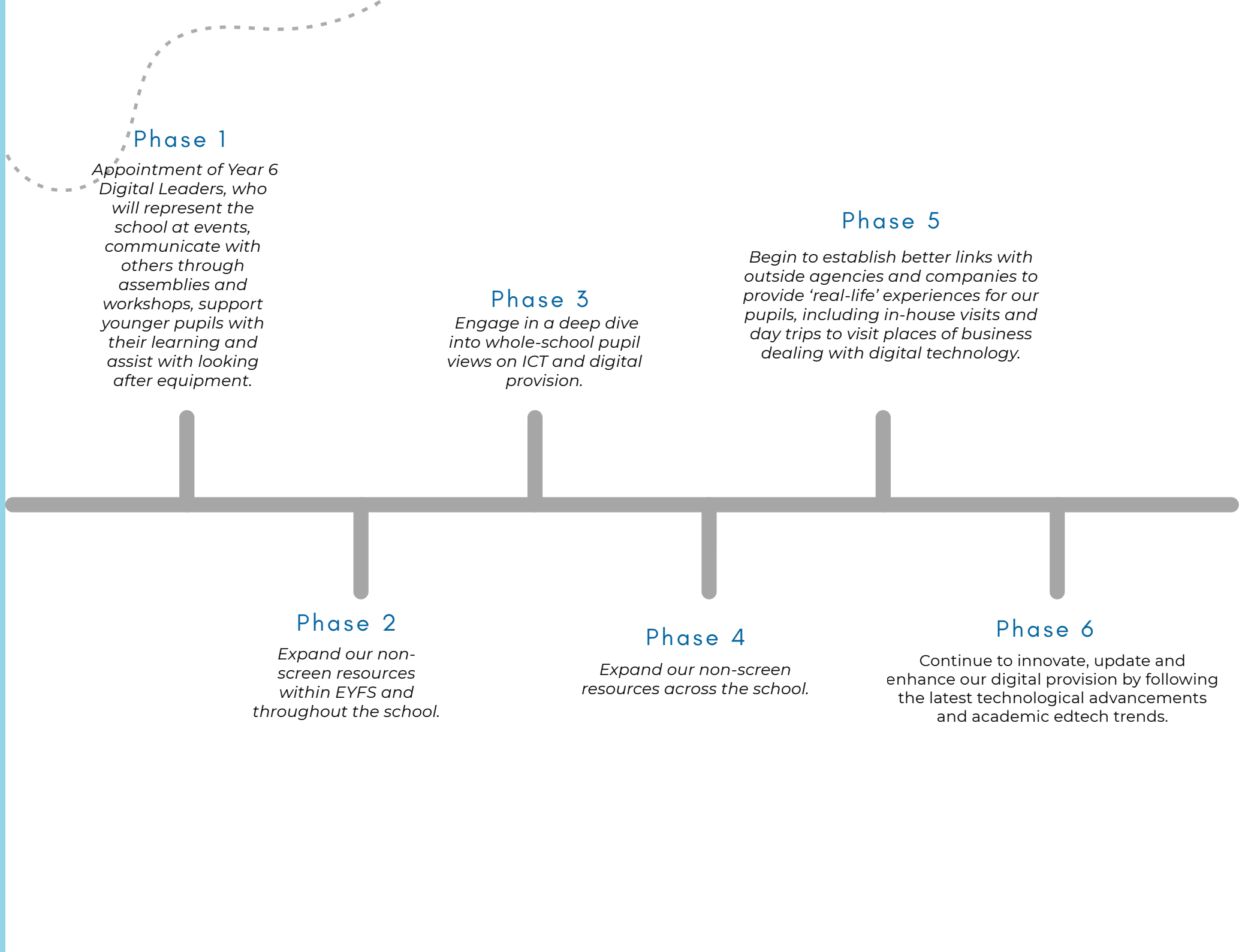
The purpose of our Digital Strategy can be summarised through the Four Es:

- **ENABLING** pupils to use technology effectively to enhance their learning experience and achieve the best possible outcomes.
- **ELICITING** the skills, knowledge and aptitudes pupils need to thrive in a rapidly changing world and to succeed at the next stage of their education.
- **EQUIPPING** teachers with the technology, resources and expertise needed to enhance learning, innovate teaching practices and deliver sector-leading pedagogy.
- **EMBEDDING** digital literacy across the 3–11 curriculum through the coordinated development of age-appropriate skills, knowledge and applications within every year group and subject area.

The Implementation:

As a school, we ask not only how technology can be used, but why. Pedagogy always comes first, with technology used purposefully to enhance learning and improve outcomes. Finding the right balance between technology, traditional learning and wellbeing is central to our approach, helping pupils become confident, responsible and future-ready learners.





Phase 1

Appointment of Year 6 Digital Leaders, who will represent the school at events, communicate with others through assemblies and workshops, support younger pupils with their learning and assist with looking after equipment.

Phase 3

Engage in a deep dive into whole-school pupil views on ICT and digital provision.

Phase 5

Begin to establish better links with outside agencies and companies to provide 'real-life' experiences for our pupils, including in-house visits and day trips to visit places of business dealing with digital technology.

Phase 2

Expand our non-screen resources within EYFS and throughout the school.

Phase 4

Expand our non-screen resources across the school.

Phase 6

Continue to innovate, update and enhance our digital provision by following the latest technological advancements and academic edtech trends.

Skills Impact

KCP is committed to ensuring that our pupils receive an education that embraces the use of technology to support and enhance their learning.

Through the implementation of our Digital Strategy, pupils will:



Develop their
digital literacy

Exercise good
online safety and
digital well-being

Develop
computational
thinking

Be creative with
technology

Enjoy
collaboration and
communication

Become successful
digital problem
solvers and
innovators

Use technology
ethically and
responsibly

Curriculum

At Kew College Prep, we believe that digital skills should be embedded across the curriculum while being supported through dedicated ICT teaching. Our progressive ICT curriculum begins in Nursery and enables pupils to develop the knowledge, skills and confidence needed to thrive in an increasingly digital world.



Digital Citizenship

This key aspect of the curriculum equips pupils to navigate the digital world safely, responsibly and confidently. Areas covered include online safety, digital wellbeing, critical evaluation of information (including AI-generated content), cyberbullying, digital security, social media, online etiquette and collaboration, and the opportunities and risks associated with artificial intelligence.

Essential Skills

In the Early Years and Infant House, pupils develop the fundamental digital skills needed to use technology confidently and independently, including the use of iPads and computers, touch typing, file management, email and core Microsoft applications.

As they move into the Junior House, pupils expand these skills through more sophisticated tasks, including collaborative working, document creation and the effective use of advanced features such as bookmarks, hyperlinks, footnotes and comments.

Coding

Coding begins in the Early Years, where pupils develop computational thinking through the use of programmable devices such as Bee-Bots. As they progress through the school, pupils learn to create algorithms, work with block-based programming environments and develop increasingly sophisticated coding skills.

By the end of Year 5, pupils begin transitioning to text-based programming, using languages that are commonly encountered in secondary education and industry. This progression equips them with the knowledge, confidence and problem-solving skills needed for the next stage of their digital journey.

Creating and Publishing

At Kew College Prep, we recognise ICT as a vital skill for the modern world and focus on its meaningful application through real-world projects. Pupils create a range of digital products, including eBooks, interactive presentations, websites and 3D models, enabling them to apply their learning in purposeful and engaging ways.

Using industry-standard platforms such as Microsoft Office Suite,, Canva and SketchUp, pupils develop the technical proficiency, creativity and problem-solving skills that will support them throughout their education and beyond.

Digital Photography

.Creative media skills are developed from an early age, with pupils learning to capture images and video using iPads from Nursery. As they progress through the school, they build expertise in photography, image editing, video production, animation, audio recording, augmented reality and cinematography.

Using a range of digital devices and editing tools, pupils create engaging multimedia content while developing technical, creative and communication skills. By Year 6, pupils are undertaking advanced projects, including designing and constructing camera dollies to capture cinematic tracking shots.

Data Analysis

Pupils develop their data-handling skills progressively throughout the school, learning how to collect, organise and present information using a range of digital tools. Beginning with simple sorting and classification activities, they progress to creating charts and graphs, building and searching databases, and using spreadsheets to manipulate and analyse data through formulae and functions.

As they move through the Junior House, pupils tackle increasingly sophisticated tasks. In Year 5, they create drop-down menus and mail-merged documents, while in Year 6 they apply their skills to authentic scenarios such as budgeting, financial planning and profit forecasting.



Wider Use of Technology

To complement screen-based ICT lessons, Kew College Prep is investing in a range of innovative technologies that enable pupils to engage with computing and digital creativity in practical, hands-on ways. These technologies help bring learning to life and demonstrate the real-world applications of technology.

- **3D Printing** Pupils can design and model objects digitally before bringing their ideas to life as physical creations. This enhances learning in ICT, Art and Design Technology, while developing creativity, problem-solving and design skills.
- **Robotics** From Bee-Bots in the Early Years to programmable LEGO robots in the Junior House, pupils experience coding in action, developing computational thinking and a deeper understanding of how technology interacts with the world around them.
- **Podcasting** Podcasting equipment enables pupils to plan, record and edit audio content collaboratively, developing communication, creativity and teamwork skills through authentic and engaging projects.
- **Green Screen Technology** Green screen technology encourages creativity and storytelling by allowing pupils to place themselves and their projects in a range of virtual environments. It supports learning in areas such as digital photography, animation and media production.



AI – starting our journey..

Kew College Prep recognises that Generative Artificial Intelligence (AI) is transforming the world around us and becoming an increasingly important part of education. As we begin our AI journey, we are committed to harnessing its potential thoughtfully and responsibly, preparing pupils for a future in which AI will play an integral role.

Digital Leaders

Our Year 6 Digital Leaders are responsible and enthusiastic pupils who promote the safe and effective use of technology across the school. They support younger pupils, contribute to digital initiatives, assist with events such as Safer Internet Day, and help care for school devices. They may also have opportunities to attend educational technology events, including the Bett Show. Through this role, pupils develop valuable leadership, communication and digital skills.

Training and Staying Safe Online:

Over the past two decades, technology has become embedded in almost every aspect of society, transforming the way we communicate, access services and consume information. This is particularly true for young people, who have grown up in a world where digital technology is an integral part of everyday life.

While new technologies bring many opportunities, they also raise important questions about privacy, security and online safety. Access to the internet is no longer limited to desktop and laptop computers; a wide range of connected devices, including mobile phones, tablets, games consoles and smart televisions, are now commonplace in the homes of our pupils.

At KCP, we are committed to helping pupils enjoy the many benefits of technology while developing the knowledge and skills needed to use it safely, responsibly and creatively. Through our curriculum, pupils learn to understand potential risks, make informed decisions online and become confident digital citizens.

We achieve this through:

- **A progressive online safety curriculum** embedded within Computing and PSHE. Online safety is also reinforced across the wider curriculum and throughout school life, ensuring that pupils develop the knowledge and skills needed to navigate the digital world safely and responsibly.
- **Partnership with parents** through workshops, information sessions and guidance that support informed conversations about online safety at home.
- **Robust filtering and monitoring systems** that help safeguard pupils by restricting access to inappropriate or harmful content on school devices and networks. These systems are regularly reviewed and updated in response to emerging technologies, risks and online threats.
- **Clear Acceptable Use Policies** that set out expectations for the responsible, safe and respectful use of technology and the internet by both pupils and staff.

