Computing at Butlers Court

Our Butlers Court family nurtures kind, resilient, ambitious and curious children. Our caring environment supports well-being and self-belief, encouraging everyone to flourish. Through a wide range of experiences and opportunities, every child has the chance to shine, developing a love of learning and prepared for the ever-changing world and a future of possibilities.

Curriculum Intent

We offer all children a broad and exciting curriculum that inspires creativity, builds strong subject knowledge, and makes learning enjoyable and meaningful.

We nurture curiosity and develop essential skills such as problem-solving, communication, and independent thinking through engaging and memorable experiences.

We value every child's voice, encouraging them to express their opinions and take an active role in school life.

Our Values

Resilience | Honesty | Responsibility | Respect | Tolerance | Honesty

Curriculum Intent – We aim to …

At Butlers Court, we aim to instil a sense of enjoyment around using technology and to develop pupil's appreciation of its capabilities and the opportunities technology offers to create, manage, organise and collaborate.
Through our curriculum we intend for pupils not only to be digitally competent and have a range of transferable skills at a suitable level for the future workplace, but also to be responsible online citizens.

Curriculum Implementation – How we achieve this…

Our curriculum, which follows the Kapow Primary's scheme of work, includes three main strands:

- Computer Science
- Information Technology
- Digital Literacy

The scheme of work fulfils the statutory requirements outlined in the National curriculum for computing.

Curriculum design

Computing at Butlers Court is a spiral curriculum which allows the pupils to develop their computing knowledge and skills by revisiting and building upon previous learning. This allows for the progressive development of skills and ensures purposeful learning by building upon previous knowledge and abilities in a carefully sequenced manner.

The five key areas covered in each year are:

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

Leaning for all

Lessons include various teaching strategies such as independent tasks, paired tasks, group work, unplugged activities, and digital activities. This variety allows lessons to address different learning styles.
Differentiation is embedded throughout, offering scaffolded tasks to pupils to support their learning and more complex challenges to extend their learning.

Wide range of technology and resources

At Butlers Court, the pupils have opportunities to use interactive whiteboards, iPads, and coding kits, ensuring that pupils are familiar with industry-standard technologies.
All the classes have access to computing devices and the main platform we use is Google Classroom/RMunify. As they journey through the school, pupils will use iPads, Chromebooks and laptops.

Key stage resources

Beebots to support learning in EYFS, along with opportunity to use class boards in lessons
30 Chromebook between the two Year 1 classes
30 Chromebooks each for Year 2
30 Chromebooks/ Laptops per class in Year 3 and Year 4
30 laptops in each Year 5 class
30 laptops in each Year 6 class

A class set of 30 Micro:bits to support physical computing in UKS2.

Programming Skills Development

At Butlers Court, the pupils are taught programming skills through various platforms.
Pupils are introduced to block-based programming using Scratch and Make Code in Key Stage 1 and progress to text-based programming with Python in Key Stage 2. Additionally, hands-on activities with Beebots allow younger pupils to grasp the fundamentals of sequencing and logic in a playful and engaging manner.

Oracy in Computing

Developing oracy skills is essential for pupils to express themselves effectively. At Butlers Court, pupils enhance their oracy skills through exploratory talk, which includes thinking aloud, questioning, discussing, and collaboratively building ideas. This practice improves their communication abilities and confidence in expressing technical concepts.

Online Safety

Online safety is at the heart of computing at Butlers Court as we empower our pupils to be confident users of technology.
Pupils understand and learn the benefits and risks of being online — how to remain safe, keep personal information secure and recognising when to seek help in difficult situations. Lessons are embedded throughout the year addressing age-appropriate and relevant issues like social media and mental wellbeing encouraging open discussions in classes.
The school regularly takes part in Safer Internet Day, further highlighting the importance of online safety. The pupils are taught to be kind and responsible users of technology and aware of their digital footprint.
We also provide resources and signposting for parents to support their children in safe internet usage, ensuring a collaborative approach to online safety.

Wider curricular opportunities

Cross curricular opportunities

Pupils at Butlers Court are actively encouraged to integrate computing across the curriculum. Using web searches, word processing, and presentations in different subjects is a great way learn computing skills in a fun and useful way. By using these tools in lessons like English, science, history, and geography, pupils can practise using technology to find information, write clearly, and share their ideas. This makes learning more interesting and helps them become more confident with computers. It also shows them how digital skills are useful in real life and across all areas of learning.

Digital Leaders

At Butlers Court, we have Digital Leaders where pupils have the opportunity to take on leadership roles, supporting their peers, promoting digital skills, and contributing to the school’s vision for technology. This not only empowers pupils but also builds a community of learners committed to technology use.

Curriculum Impact

Pupils leave Butlers Court equipped with a range of skills to enable them to succeed in their secondary education and be active participants in the ever-increasing and ever-changing digital world.

1. They demonstrate a strong understanding of key concepts and skills. The pupils leave primary school equipped with the foundational skills necessary for secondary education and future careers in technology.
2. Pupils enjoy computing lessons and display high levels of enthusiasm and engagement in computing lessons. They take pride in their work and show a willingness to experiment with new ideas and technologies.
3. Pupils exhibit strong problem-solving abilities, creativity, and resilience when facing challenges in coding and project work. They demonstrate effective collaboration and communication skills through group tasks. Pupils learn key digital skills like collaborating online, communicating and presentation skills.
4. Through our online safety education, pupils have a clear understanding of how to navigate the internet safely and responsibly and are able to identify potential risks and discuss appropriate responses.