Curriculum coverage

	Autumn Term	Spring Term	Summer Term
Nursery	In Nursery our resources are designed to integrate into the day-to-day routine, with opportunities for using Mini Mash or Purple Mash as part of the Early Years curriculum to support children in working towards their early learning goals.		
	Computer Science	Digital Literacy	Information Technology
Reception	Technology Around Us	Safety and Privacy	Drawing Skills
	Mouse and Trackpad Skills	Hardware	Photography
	Robots	Sounds	Quizzes
	Using Purple Mash with an Individual Login	Keyboard Skills	Technology Around Us
Year 1	Coding	Online Safety	Animated Stories
Year 2	Coding	Online Safety Effective Searching	Making Music
Year 3	Coding	Online Safety Email	Simulations Touch Typing
Year 4	Coding	Online Safety Effective Searching	Spreadsheets
Year 5	Coding	Online Safety	3D Modelling Concept Maps
Year 6	Coding	Online Safety	Spreadsheets (Excel)

Ignite Wonder

Children at Beacon will experience an abundance of opportunities to access technology. They have daily access to iPads and laptops to support their learning across the wider curriculum. They also receive lessons on music technology, coding, e-safety and much more.

On e-safety day, the Police visit us to share their knowledge. We meet many specialists in technology during World of Work Week who inspire the children of Beacon to dream big and ignite their wonder for their futures.

Bebrave   **Be**brilliant   **Be**lieve

Beacon

Shine brightly as technologists.

Bebrave
ADVENTURE

Exposes our children to a rich and diverse world that is full of colour, music, creativity and celebration. Providing our children with the opportunity to see a world beyond their own, that will inspire and influence their future choices.

BeBrilliant
CULTURAL DIVERSITY

Enables our children to develop a growth mindset, by exposure to challenging experiences that allow our children to question and explore opportunities that will enable them to become confident and resilient in all areas of their lives.

Believe
POSSIBILITIES

Allows our children to explore the world around them, knowing that the experiences they gain will enhance their lives and open doors to new adventures.

Vision

At Beacon Academy, we are committed to ensuring that all children have the knowledge required to access the digital world confidently, competently and safely.

As a school, we believe that giving children a progressive curriculum of study, focusing on developing key skills in Digital Literacy, Computer Science and Information Technology will give them every opportunity to be successful as they progress through, and beyond, Beacon Academy.

We aim for all children to develop a strong understanding of the diverse world and support them to reach their potential as individuals, within the local and global community. Technology does and will play a huge part in the lives of all children.

Intent

Pupils at Beacon are able to reach their full potential as confident technologists. They are able to use technology safely and sensibly and know what to do if something online upsets them.

Pupils develop programming knowledge and digital literacy skills which will help them with their future learning and beyond.

Implementation

The Computing curriculum has been designed to meet the specific needs of the children and families within our community. We have taken Purple Mash and adapted it accordingly to deliver a tailored curriculum for our children. Our school values an extensive computing program of study: focusing on computer science, digital literacy and information technology - throughout all year groups.

Impact

By the time children leave Beacon our children will be proficient in the use of technology, using hardware and software effectively; children will have good knowledge and understanding of computing vocabulary.

Children will engage in programming, presenting and creating through the use of ICT which will develop high aspirations for future opportunities.