Curriculum Intent and Breadth Map - Computing

Lapal Primary School

Computing Intent

At Lapal, we aim for our children to be confident, responsible and creative users of a range of technology and apply their skills across the curriculum. At the core of our computing curriculum is computing science, in which pupils are taught the principles of information and computation, how digital systems work and how to put this knowledge to use through programming. There is an emphasis on the importance of online safety in all year groups so that children can use technology responsibly and with confidence. Children will leave Lapal feeling empowered to continue their journey into the modern and ever changing world of technology.

As technicians, children will develop their knowledge and skills in the areas of **connecting, communicating and collecting**, as well as developing skills, some of which include: motion, sound, control and sensing.

		Autumn		Spring		Summer	
Key Stage 1	**Year 1/2** (Cycle A)	Basics of a Computer	Bee Bots	Espresso Coding (Unit 1A)	iPads	Fact Finders	Purple Mash
	Year 1/2 (Cycle B)	Espresso Coding (Unit 2A)	iPads	Light Bot	Flowchart	Fact Finders	Presenters
Lower Key Stage 2	**Year 3/4** (Cycle A)	Espresso Coding (Unit 3A)	How a Computer Network Works	Scratch- Boat Race	Explore the Web	iPads- Movie Time	Publisher
	Year 3/4 (Cycle B)	Espresso Coding (Unit 4A)	Publisher	Scratch- Dodgeball	Stop Motion	Our Survey Says	Powtoon
Upper Key Stage 2	**Year 5/6** (Cycle A)	Espresso Coding (Unit 5A)	Our Survey Says	Scratch- Own World	iPads	Explore the Web	APP Makers
	Year 5/6 (Cycle B)	Espresso Coding (Unit 6A)	What is Fake News?	Scratch- Cats	Stop Motion	Movie Maker	Transition to KS3

*E-safety will feature within every lesson taught in computing.