

All Saints Catholic Primary School
Subject specific knowledge, core learning and progression of content



COMPUTING	KEY STAGE	Key Stage 1		Lower Key Stage 2		Upper Key stage 2	
Area of Study:	Year 0	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Computer Science	Entering instructions into Bee Bots, Bee Bot app. Key language: Algorithm, prepositional language.	Summer Fun Tangram activity	Seacole and Nightingale heartbeats. https://microbit.org/projects/make-it-code-it/beating-heart/	Musical algorithms https://microbit.org/lessons/musical-microbit-unit-overview/	Microbit Roman Numeral activity. Display numbers. Random Numbers etc MF to write.	Conductors and Microbit. https://microbit.org/lessons/electrical-conductors-investigation/	Logical Reasoning Su Doku Problem. https://www.barefootcomputing.org/resources/logical-reasoning-unplugged-activity
Information Technology	Differentiate between different devices and their uses. When do we use an iPad/desktop..	<i>*Use devices with adult support and independently access resources or programs.</i>	<i>Use technology purposefully to create, organise, store, manipulate and retrieve digital content</i>	Research locations of hinges across Britain and annotate map with location.	Create and Save map using, Inkarnate. https://inkarnate.com/	Conductors and Microbit. https://microbit.org/lessons/electrical-conductors-investigation/	Migration Spreadsheet activity. Collate data and present via charts. Ensure children use formulae such as SUM and COUNT. MF to write.
Digital Literacy	Use devices with care. Observe class rules and sharing.	<i>Recognise common uses of information technology beyond school</i>	<i>Use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.</i>	Use Seesaw to submit work from home.	Label and annotate work done on Inkarnate and also add sentences to code to explain the workings.	Document learning via Seesaw. Voice over of content.	Create user guide for Social Media for younger year groups. Explain the importance of Respect. Share internally via Seesaw, externally via Youtube. Discuss the importance of appropriate language and tone.