St Joseph's Computing Curriculum Overview 2021-2022

Year Group	Autumn	Spring	Summer
Year 1	Digital Literacy – Pause and Think Online (Common Sense Media). IT - Technology around us & Digital painting. Computer Science – Moving a floor robot (Beebot basics)	Digital Literacy – Media Balance is Important (Common Sense Media). IT - Digital Writing and editing. Computer Science – Beebot tinkering (barefoot)	Digital Literacy – Safety in my Online Neighbourhood Be a Super Digital Citizen (Common Sense Media). IT – Digital Writing & Data. Computer Science – busy things/Scratch Jr – coding. https://www.scratchjr.org/teach/activities
Year 2	Digital Literacy – How Technology Makes You Feel (Common Sense Media). IT – The different uses of Computers & Digital photography. Computer Science – JIT turtle – Robot Algorithms	Digital Literacy – Pause for People (Common Sense Media). IT – Digital writing & typing skills (story board) Computer Science – Scratch Jr – Knock- Knock Joke (Barefoot)	Digital Literacy – Internet Traffic Light Be a Super Digital Citizen (Common Sense Media). IT – Data – Pictograms. Computer Science –.Code.org – Sequencing & Loops https://studio.code.org/s/courseb-2021?redirect_warning=true
Year 3			Digital Literacy – That's Private! Be a Super Digital Citizen (Common Sense Media).

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	Digital Literacy – Device Free Moments (Common Sense Media). IT – Connecting Computers Google Classroom – Google docs/typing skills	Digital Literacy – Putting a STOP to Online Meanness (Common Sense Media). IT – Animation (j2animate) Computer Science – Scratch – getting started (project editors)	IT – Data & Information – branching databases. Creating Media (publishing & blogging) Computer Science– Exploring – Scratch Sequencing
Year 4	Digital Literacy – Your Rings Of Responsibility (Common Sense Media). IT – Creating Media - Audio editing (Cross Curricular – Google Docs & slides) – Planning the ultimate trip to Egypt!	Digital Literacy – The Power of Words Be a Super Digital Citizen (Common Sense Media). IT - Computing systems and networks – the internet Computer Science - Scratch – Animations – computational concepts of loops, events, and parallelism	Digital Literacy – Password Power-Up Be a Super Digital Citizen (Common Sense Media). IT – Data Logging – using data loggers. Computer Science – Coding Multiple Scenes and Dialogue (everyday computing concepts) Cross Curricular – Computational Thinking - maths quiz (barefoot)

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Year 5	Digital Literacy – My Media Choices (Common Sense Media). IT – History of Computing IT- iMovie – camera angles, frames & editing).	Digital Literacy – Be a Super Digital Citizen (Common Sense Media). IT – Cross Curricular – Data – Sorting & Ordering/vector drawing Computer Science – Scratch Project- Stories – computational concepts of events and parallelism	Digital Literacy – Private and Personal Information Be a Super Digital Citizen (Common Sense Media). IT – cross curricular – Dragons Den – plan, collaborate & present. Computer Science – Using Logical reasoning / Variables – Everyday variables (barefoot)
Year 6	Digital Literacy – Finding My Media Balance (Common Sense Media). IT – Computing Systems & Networks Computer Science – Intro to Python (Code Combat)	Digital Literacy – Is It Cyberbullying? (Common Sense Media). IT – Cross Curricular – Data & information (excel & sheets) Computer Science – Python coding	Digital Literacy – We Won't Believe This! Be a Super Digital Citizen (Common Sense Media). IT – cross curricular – Dragons Den – plan, collaborate & present.