



Essentials Curriculum: Threshold Concepts for Long-Term Memory	CONNECT Digital Literacy - Online Safety	COMMUNICATE IT- Digital Media - Create, Share, Respond	COMMUNICATE IT - Multimedia and Digital Writing	COLLECT IT- Data	COMMUNICATE IT - Communication & Collaboration	CODE Computer Science- Coding
Year 1	DL - Common Sense Media (1 per half term) Technology around Us (2 lessons)	Digital painting and Digital Writing - Busy Things and JIT (10 lessons - 2 half terms)		Data - Busy Things (5 Lessons)	Home learning platform- Introduction (3 lessons)	Unit 1 Beebots - Moving a Floor Robot Unit 2 Busy Things - (Busy Code)
Year 2	DL - Common Sense Media (1 per half term) The different uses of Computers (1 lesson + lesson starters)	Digital Photography (5 lessons)	Multimedia & Digital Writing J2 Write - Including Online research and typing skills (5 lessons +)	Data – Pictograms (J2Data) (3 Lessons)	My Busy Things (Learning platform) (3 Lessons) Could be linked to topic	Unit 1 – JIT turtle - Robot algorithms Unit 2 – Scratch Jr - Sequencing Animations (download) Optional - Code.org
Year 3	DL - Common Sense Media (1 per half term) Connecting Computers (4 Lessons)	J2 Animate (4 Lessons)	Home learning platform- Introduction (3 lessons) Google Classroom Google Docs (5 lessons)	Data and information – Branching database (J2Data-J2Branch) (5 Lessons)	Creating media – Desktop publishing + Blogging (J25) (4 Lessons including Blogging Central)	Unit 1 – Code.org - Course B Unit 2 – Sequencing with Scratch Animation (5 lessons)
Year 4	DL - Common Sense Media (1 per half term) Computing systems and networks – The Internet (Lessons 1-4)	Creating media – Audio editing - Audacity (5 Lessons) (Chrome music lab in the future)	Google Slides (5 Lessons)	Data Logging - NCCE (6 Lessons)	Google Sites - (4 lessons)	Unit 1 – Multiple Scenes & Dialogue (5 Lessons) Unit 2 Repetition Scratch shapes - (5 Lessons)
Year 5	DL - Common Sense Media (1 per half term) History of Computing (5 Lessons)	iMovie - Camera angles, frames & editing (6 lessons)	Vector Drawing - Google Drawings (4 Lessons)	Data and information – J2E (5 Lessons)	Application of Skills -Dragons Den - Plan, Collaborate & Present Cross Curricular Link	Unit 1 – Selection in Quizzes Unit 2 - Scratch-Variables in Games Optional - Selection in Physical Computers - Crumble Boards
Year 6	DL - Common Sense Media (1 per half term) Computing systems + Networks (6 Lessons)	Creating media – 3D Modelling - Tinkercad	Intro to Python - Code Combat Alternatively - Intro to HTML Websites	Data and information – Flat-file databases (Excel +Sheets) (6 Lessons)	Application of Skills -Dragons Den - Plan, Collaborate & Present Cross Curricular Link	Unit 1 – Scratch - Variables in games Unit 2 – Sensing - Micro Bit - Step Counter