# Computing Curriculum Overview

| CRADLEY CE PRIMARY SCHOOL | Class 1 | Class 2 | Class 3 | Class 4 | Class 5 |
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| **Autumn Term a** | Common uses of ICT beyond school – google, cameras, remote controls Computers & networks Using technology safely Digital Literacy (Online Safety) | Using technology safely Digital Literacy (Online Safety) Vlogs – with Green Screen Information Technology: Multimedia | Sequencing and repetition – Scratch Jnr Computer science (CS) e-safety Digital Literacy (Online Safety) | e-safety and looking at the positive and negative uses of computer networks Digital Literacy (Online Safety) Computers & networks | **Digital citizenship** Digital Literacy (Online Safety) **vlogs – Conwy and ?** Information technology (IT) |
| **Spring Term a** | **Create and debug simple programs** Algorithms **– Beebots (app)** Computer science (CS) | Programming a game on Scratch Junior Computer science (CS) File management Computers & networks | Programming – Scratch – Games Computer science (CS) | design write and debug programs that accomplish specific goals Computer science (CS) | Programming Computer science (CS) Internet searching Computers & networks |
| **Summer Term a** | Information Technology: Multimedia (including online tools) | Programmable robots – BeeBots Computer science (CS) | GreenScreen – Vlogs? Information Technology: Multimedia | Creating videos Information technology (IT) | Data Logging- light - and spreadsheets Information technology (IT) |
| **Autumn Term b** | | Using technology safely Digital Literacy (Online Safety) Stop Frame Animation Information Technology: | e-safety Digital Literacy (Online Safety) Presentation: Information Technology: Multimedia | e-safety Digital Literacy (Online Safety) recording and creating films Information technology (IT) | |

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| | | Multimedia | | | |
| **Spring Term b** | | Programming an animation - Scratch Junior<br>File management<br>Computers & networks | Programming – Roman Game<br>Computer science (CS) | design write and debug programs that accomplish specific goals<br>Computer science (CS) | |
| **Summer Term b** | | Programmable robots – BeeBots<br>Computer science (CS) | Stop Frame animation<br>Information Technology: Multimedia | Using of Excel and Word<br>Information Technology: Multimedia<br>developing use of computer networks<br>Computers & networks | |