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| **KS1 Computing Curriculum** | | |
| **Computer Science** *(How computers and computer systems work and how they are designed and programmed)* | **Information Technology** *(the purposeful use of existing programs to develop products and solutions)* | **Digital Literacy** *(the skills, knowledge and understanding needed in order to participate fully and safely in an increasingly digital world)* |
| A- understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions | | |
| B- create and debug simple programs | | |
| C- use logical reasoning to predict the behaviour of simple programs | | |
| D- use technology purposefully to create, organise, store, manipulate and retrieve digital content | | |
| E- recognise common uses of information technology beyond school | | |
| F- 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 | | |

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| C:\Users\LGregory2\OneDrive\Documents\Desktop\Federation logo 7 (2).png | **Year of cycle** | **Autumn** | | **Spring** | | **Summer** | |
| **Autumn 1** | **Autumn 2** | **Spring 1** | **Spring 2** | **Summer 1** | **Summer 2** |
| **Year A 2022/2023**  **2025/2026** | | Super Toys  **IT: Animated story books** (PM) | Frozen Planet  **DL: Online safety** (PM) | If you go down to the woods today…  **CS: Programming**  (PM 1.7) | Pre-Historic Predators  **CS: Technology outside school** (PM 1.9) | The Very Hungry Caterpillar and Friends  **CS: Programming**  (Beebots) | Deep Sea Detectives |
| **Year B**  **2023/2024**  **2026/2027** | | Down on the Farm  **CS: Computer systems & networks** (Cycle A mixed age planning) **iPads or laptops** | All About Me  **IT: Digital photography** (TC 2.2) | People Who Help Us  **CS: Programming** (Beebots TC 1.3) | Paws, Claws and Whiskers  **IT: Digital music** (TC 2.5) | All Change  **CS: Programming** (Scratch Junior Cycle A mixed age planning) **iPads (app) or laptops** | African Safari  **IT: Pictograms** (TC 2.4) |
| **Year C**  **2024/25**  **2027/2028** | | Bright Lights, Big City  **CS: Computer systems & networks** (Cycle B mixed age planning) **iPads or laptops** | Party Time!  **IT: Digital writing** (TC 1.5) **laptops** | Up, Up, and Away!  **CS: Programming** (Cycle B mixed age planning) **Beebots** | Grand Designs  **IT: Digital painting** (TC 1.2) | Magic and Mystery  **CS: Programming** (Scratch Junior Cycle B mixed age planning) **iPads (app) or laptops** | Oh, I do Like to Be Beside the Seaside…  **IT: Block charts/ Bar charts- Data handling** (JIT5) |