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| **Computing** |
| It is our intention at St Peter & St Paul to enable children to find, explore, analyse, exchange and present information. We also focus on developing the skills necessary for children to be able to use information in a discriminating and effective way. We want children to know more, remember more and understand more in computing so that they leave primary school computer literate. Computing skills are a major factor in enabling children to be confident, creative and independent learners and it is our intention that children have every opportunity available to allow them to achieve this. |
|  | **Autumn 1** | **Autumn 2** | **Spring 1** | **Spring 2** | **Summer 1** | **Summer 2** |
| [**Essentials Curriculum:**](https://www.chrisquigley.co.uk/product/essentials-full-spectrum-curriculum/)[**Threshold Concepts for**](https://www.chrisquigley.co.uk/product/essentials-full-spectrum-curriculum/) [**Long-Term Memory**](https://www.chrisquigley.co.uk/product/essentials-full-spectrum-curriculum/) | **CONNECT** | **COMMUNICATE** | **COMMUNICATE** | **COLLECT** | **COMMUNICATE** | **CODE** |
| **Digital Literacy - Online****Safety** | **IT- Digital Media –** **Create,****Share, Respond** | **IT - Multimedia and** **Digital****Writing** | **IT- Data** | **IT - Communication &****Collaboration** | **Computer Science** **Coding** |
| **Year 1** | [DL - Common Sense Media](https://docs.google.com/document/d/1-sKmWFO6UjIDMQ0Y0kQRPZrOAXj4SMzjRVHtHswLlxk/edit?usp=sharing)(1 per half term)[Technology around Us (2 lessons)](https://docs.google.com/document/d/17hZdG1i32dmzpoxrGUiJ8EeZNl_nn3erDDiQYdTJ1Sw/edit?usp=sharing) | [Digital painting and Digital Writing - Busy Things](https://docs.google.com/document/d/1nOcoxUR21bdwjuvZRAG_5ervUABPe1hwTbNKCC_53Po/edit?usp=sharing) [and JIT (10 lessons - 2 half terms)](https://docs.google.com/document/d/1nOcoxUR21bdwjuvZRAG_5ervUABPe1hwTbNKCC_53Po/edit?usp=sharing) | [Digital painting and Digital Writing - Busy Things](https://docs.google.com/document/d/1nOcoxUR21bdwjuvZRAG_5ervUABPe1hwTbNKCC_53Po/edit?usp=sharing) [and JIT (10 lessons - 2 half terms)](https://docs.google.com/document/d/1nOcoxUR21bdwjuvZRAG_5ervUABPe1hwTbNKCC_53Po/edit?usp=sharing) | [Data - Busy Things (5 Lessons)](https://docs.google.com/document/d/1sHzgkZK3lX5_LwLvdkYsret24ZkMrPmVyrts8vKZ08k/edit?usp=sharing) | [Home learning platformIntroduction (3 lessons)](https://docs.google.com/document/d/1Ke2TDKfGLel8YPYftls-eFgmy-aNYA_GhJoQGL7JAWE/edit?usp=sharing) | [Unit 1](https://docs.google.com/document/d/1wUem4Z-YH6m5-Kt7BwlI7VUFmCnLYhFb4j_oiAMK9zg/edit?usp=sharing)[Beebots - Moving a Floor](https://docs.google.com/document/d/1wUem4Z-YH6m5-Kt7BwlI7VUFmCnLYhFb4j_oiAMK9zg/edit?usp=sharing)[Robot](https://docs.google.com/document/d/1wUem4Z-YH6m5-Kt7BwlI7VUFmCnLYhFb4j_oiAMK9zg/edit?usp=sharing)[Unit 2](https://docs.google.com/document/d/1V8bKSKgZCySLFAXT6SDMHwQwxx7aZE5AtmZfIk7zqVM/edit?usp=sharing)[Busy Things - (Busy Code)](https://docs.google.com/document/d/1V8bKSKgZCySLFAXT6SDMHwQwxx7aZE5AtmZfIk7zqVM/edit?usp=sharing) |
| **Year 2** | [DL - Common Sense Media](https://docs.google.com/document/d/1-sKmWFO6UjIDMQ0Y0kQRPZrOAXj4SMzjRVHtHswLlxk/edit?usp=sharing)(1 per half term)[The different uses of Computers (1 lesson + lesson starters)](https://docs.google.com/document/d/1WDvtOhGjZ02tdFANtniio1aVFR31-sotcl24GApIReg/edit?usp=sharing) | [Digital Photography (5 lessons)](https://docs.google.com/document/d/1cC3qhv1srmOdsIP-SOPH2vsmLi8nnilwW1n9-T5zcLg/edit?usp=sharing) | [Multimedia & Digital Writing J2 Write - Including Online research and typing skills](https://docs.google.com/document/d/1v0xOfr8O7aMWPWMQbXK7fODZEYsyikcpK4W6Ows185k/edit?usp=sharing)[(5 lessons +)](https://docs.google.com/document/d/1v0xOfr8O7aMWPWMQbXK7fODZEYsyikcpK4W6Ows185k/edit?usp=sharing) | [Data – Pictograms (J2Data) (3 Lessons)](https://docs.google.com/document/d/1BBdUzM8ADGe_RiKIOrI9iDD-tYs2unBz4OEExCpIhsU/edit?usp=sharing) | [My Busy Things (Learning platform) (3 Lessons) Could be linked to topic](https://docs.google.com/document/d/1tWma3GSk-z2_wljGlPb0sSSv2seUajdp8F7N_VkVv9M/edit?usp=sharing) | [Unit 1 –](https://docs.google.com/document/d/1EgvtNBIauTRTTQ7DLB-b5wG5es7NVB4bw_d8hd7m920/edit?usp=sharing)[JIT turtle - Robot algorithms](https://docs.google.com/document/d/1EgvtNBIauTRTTQ7DLB-b5wG5es7NVB4bw_d8hd7m920/edit?usp=sharing)[Unit 2 –](https://docs.google.com/document/d/1L6TIJidYroAFNEohgAB9CsUcQ7_oVGTODF1wwUz0P70/edit?usp=sharing)[Scratch Jr - Sequencing Animations](https://docs.google.com/document/d/1L6TIJidYroAFNEohgAB9CsUcQ7_oVGTODF1wwUz0P70/edit?usp=sharing) [(download](https://www.scratchjr.org/about/faq))[Optional - Code.org](https://docs.google.com/document/d/1_5qkhO53LpFlfK09V80hf4xxI44t2OJyG9TmLprWBaw/edit?usp=sharing) |
| **Year 3** | [DL - Common Sense Media](https://docs.google.com/document/d/1-sKmWFO6UjIDMQ0Y0kQRPZrOAXj4SMzjRVHtHswLlxk/edit?usp=sharing)(1 per half term)[Connecting Computers (4](https://docs.google.com/document/d/1cgYlzuLkB_CndNV4RTzkO-3BySn9NNO760fvYLpIJy4/edit?usp=sharing)[Lessons)](https://docs.google.com/document/d/1cgYlzuLkB_CndNV4RTzkO-3BySn9NNO760fvYLpIJy4/edit?usp=sharing) | [J2 Animate (4 Lessons)](https://docs.google.com/document/d/1B0iqljxIWC6sKB6pSNXWh0nof4HeX6-Dze6DW3UEoG4/edit?usp=sharing) | [Home learning platformIntroduction (3 lessons) Google Classroom](https://docs.google.com/document/d/16stQcsB0wC8GRBwdOdZq_Y-d5HcKo7MtaJlxrfGPQ74/edit?usp=sharing)[Google Docs (5 lessons)](https://docs.google.com/document/d/198XYhBvh0faNSrjvvhgxEiLck1ef5fSaZM9TsAVWEqQ/edit?usp=sharing) | [Data and information –](https://docs.google.com/document/d/1e5ETPR7Bpk22qIOc07UndeUJauVQQKf4sUF9CN8EGUk/edit?usp=sharing)[Branching database](https://docs.google.com/document/d/1e5ETPR7Bpk22qIOc07UndeUJauVQQKf4sUF9CN8EGUk/edit?usp=sharing)[(J2Data-J2Branch) (5](https://docs.google.com/document/d/1e5ETPR7Bpk22qIOc07UndeUJauVQQKf4sUF9CN8EGUk/edit?usp=sharing)[Lessons)](https://docs.google.com/document/d/1e5ETPR7Bpk22qIOc07UndeUJauVQQKf4sUF9CN8EGUk/edit?usp=sharing) | [Creating media – Desktop publishing + Blogging (J25)](https://docs.google.com/document/d/1HLLCAEZjwNK5QJDFMHuzR8sfr95yqGsECSKmeeldRyA/edit?usp=sharing)[(4 Lessons including](https://docs.google.com/document/d/198XYhBvh0faNSrjvvhgxEiLck1ef5fSaZM9TsAVWEqQ/edit?usp=sharing)[Blogging Central)](https://www.lgfl.net/learning-resources/summary-page/blog-central) | [Unit 1 – Code.org - Course](https://docs.google.com/document/d/1SyW0mDx-14jv1uu2yFZNrrB4fmojxTtx5rFNA_cRQp8/edit?usp=sharing)[B](https://docs.google.com/document/d/1SyW0mDx-14jv1uu2yFZNrrB4fmojxTtx5rFNA_cRQp8/edit?usp=sharing)[Unit 2 – Sequencing with Scratch Animation (5 lessons)](https://docs.google.com/document/d/1gC2_jZcp-id8XatI073X-k4KRsVP6lB25nzt8MSUTn4/edit?usp=sharing) |
| **Year 4** | [DL - Common Sense Media](https://docs.google.com/document/d/1-sKmWFO6UjIDMQ0Y0kQRPZrOAXj4SMzjRVHtHswLlxk/edit?usp=sharing)(1 per half term)[Computing systems and networks – The Internet](https://docs.google.com/document/d/1BeubC8pUPPvlkmGAf56Pe-7o8AumuvKFQuYjv5iiZ7A/edit?usp=sharing)[(Lessons 1-4)](https://docs.google.com/document/d/1BeubC8pUPPvlkmGAf56Pe-7o8AumuvKFQuYjv5iiZ7A/edit?usp=sharing) | [Creating media – Audio](https://docs.google.com/document/d/1qOOL7LVenYGQYfm49NIXV7koBWYuSRuhRWxnurhhICc/edit?usp=sharing)[editing - Audacity (5 Lessons)](https://docs.google.com/document/d/1qOOL7LVenYGQYfm49NIXV7koBWYuSRuhRWxnurhhICc/edit?usp=sharing)(Chrome music lab in the future) | [Google Slides (5 Lessons)](https://docs.google.com/document/d/1my0OOj4YKW0XS_nodKLmakoBtQz-fdoL3B8mZjw7Cos/edit?usp=sharing) | [Data Logging - NCCE (6 Lessons)](https://docs.google.com/document/d/1lNnAUBQ-crPQ7SaXUByfaL1ZvOZsuXLQDDKJ8hyKWVg/edit?usp=sharing) | [Google Sites - (4 lessons)](https://docs.google.com/document/d/1Q0Y5kzq26iq21hizQCepQnoU8ZNRF_rH1eexbLf0uSU/edit?usp=sharing) | [Unit 1 – Multiple Scenes & Dialogue (5 Lessons)](https://docs.google.com/document/d/1kXUYwx4lXBqOU84fWD5u4cEhKk8g1BzMe4Q2MizTWE8/edit?usp=sharing)[Unit 2 Repetition Scratch shapes - (5 Lessons)](https://docs.google.com/document/d/1RQwLPYcIBTDX1e-K_kprJHOVEifwltbxaTmNKRJ8EAQ/edit?usp=sharing) |
| **Year 5** | [DL - Common Sense Media](https://docs.google.com/document/d/1-sKmWFO6UjIDMQ0Y0kQRPZrOAXj4SMzjRVHtHswLlxk/edit?usp=sharing)(1 per half term)[History of Computing (5](https://docs.google.com/document/d/1LCsfN83jJyc9N1duGd9xqYVoUE3aE2Mml-uuEM0fsQE/edit?usp=sharing)[Lessons)](https://docs.google.com/document/d/1LCsfN83jJyc9N1duGd9xqYVoUE3aE2Mml-uuEM0fsQE/edit?usp=sharing) | [iMovie - Camera angles, frames & editing (6 lessons)](https://docs.google.com/document/d/1gIO_SFJjBARN6ScyCKmSk3StgN3XJEEHW0sJHfECfFw/edit?usp=sharing) | [Vector Drawing - Google Drawings (4 Lessons)](https://docs.google.com/document/d/1l8kLBupYTSxN5N9dagYgZhAYoH3Fsww-iV537gZDwgc/edit?usp=sharing) | [Data and information – J2E (5 Lessons)](https://docs.google.com/document/d/1CXoUZwf-XvAKbn6S3ohcx_-MJUCHFeNw7JyF5y-EZ4A/edit?usp=sharing) | [Application of Skills](https://docs.google.com/document/d/14rhowAchv6GPo_fXEkfT6p3VEQCSN6YhBW0BGkDZnAw/edit?usp=sharing)[-Dragons Den - Plan,](https://docs.google.com/document/d/14rhowAchv6GPo_fXEkfT6p3VEQCSN6YhBW0BGkDZnAw/edit?usp=sharing)[Collaborate & Present](https://docs.google.com/document/d/14rhowAchv6GPo_fXEkfT6p3VEQCSN6YhBW0BGkDZnAw/edit?usp=sharing)**Cross Curricular Link** | [Unit 1 – Selection in](https://docs.google.com/document/d/1lurKw7w4OYlsWC58RrBXpFfXaHy3wkGy5Bv9oxyEshs/edit?usp=sharing)[Quizzes](https://docs.google.com/document/d/1lurKw7w4OYlsWC58RrBXpFfXaHy3wkGy5Bv9oxyEshs/edit?usp=sharing)[Unit 2 - Scratch-Variables in](https://docs.google.com/document/d/1_EQ11DWYmlPtJrqHBMEGG48WMAG8lYpEQglvEvRPYUk/edit?usp=sharing)[Games](https://docs.google.com/document/d/1_EQ11DWYmlPtJrqHBMEGG48WMAG8lYpEQglvEvRPYUk/edit?usp=sharing)Optional - [Selection in](https://docs.google.com/document/d/1SmnEiZERwP7-dEzHU-2dYO22mqrcnlzyXWpo_i35F4w/edit?usp=sharing)[Physical Computers Crumble Boards](https://docs.google.com/document/d/1SmnEiZERwP7-dEzHU-2dYO22mqrcnlzyXWpo_i35F4w/edit?usp=sharing) |
| **Year 6** | [DL - Common Sense Media](https://docs.google.com/document/d/1-sKmWFO6UjIDMQ0Y0kQRPZrOAXj4SMzjRVHtHswLlxk/edit?usp=sharing)(1 per half term)[Computing systems +](https://docs.google.com/document/d/1QkRss96RjZ8VLKVDh5I4_n55bw5kAb0EzSXvSG9WDjc/edit?usp=sharing)[Networks (6 Lessons)](https://docs.google.com/document/d/1QkRss96RjZ8VLKVDh5I4_n55bw5kAb0EzSXvSG9WDjc/edit?usp=sharing) | [Creating media – 3D Modelling - Tinkercad](https://docs.google.com/document/d/1TmG1ztS7FSQi7YYj6g6Oegn_l1nsaWDFlLDiNPMNAFc/edit?usp=sharing) | [Intro to Python - Code](https://docs.google.com/document/d/17WymhT85XJOC1oMLbTQIckOC0yRti48laqmpD4cQ058/edit?usp=sharing)[Combat](https://docs.google.com/document/d/17WymhT85XJOC1oMLbTQIckOC0yRti48laqmpD4cQ058/edit?usp=sharing)Alternatively - Into to HTMLWebsites | [Data and information – Flat-file databases (Excel](https://docs.google.com/document/d/13i89as3NtvsFSCpaGKH-acVBIDyhfB2hI-LyCrNX81w/edit?usp=sharing)[+Sheets) (6 Lessons)](https://docs.google.com/document/d/13i89as3NtvsFSCpaGKH-acVBIDyhfB2hI-LyCrNX81w/edit?usp=sharing) | [Application of Skills](https://docs.google.com/document/d/14rhowAchv6GPo_fXEkfT6p3VEQCSN6YhBW0BGkDZnAw/edit?usp=sharing)[-Dragons Den - Plan,](https://docs.google.com/document/d/14rhowAchv6GPo_fXEkfT6p3VEQCSN6YhBW0BGkDZnAw/edit?usp=sharing)[Collaborate & Present](https://docs.google.com/document/d/14rhowAchv6GPo_fXEkfT6p3VEQCSN6YhBW0BGkDZnAw/edit?usp=sharing)**Cross Curricular Link** | [Unit 1 – Scratch - Variables in games](https://docs.google.com/document/d/1ME6xCvE_tMS5e077fc_jMujxAiKQwommxKyjWK1nmD4/edit?usp=sharing)[Unit 2 – Sensing - Micro Bit](https://docs.google.com/document/d/1RQKkd1ecRhp_n-rYGTLalrTIVdb1ZJofQoczMg4bmw8/edit?usp=sharing)[- Step Counter](https://docs.google.com/document/d/1RQKkd1ecRhp_n-rYGTLalrTIVdb1ZJofQoczMg4bmw8/edit?usp=sharing) |