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**Computing Overview 2021-2022**

At Smithdown Primary, we believe the use of information and communication technology is an integral part of the National Curriculum, a key skill for everyday life and vital for a successful future for our children. At Smithdown, it is paramount that children are confident users of technology, including the internet, whilst exploring it safely. As a school, we have a duty to safeguard and promote the welfare of our children which includes online safety.

The majority of the computing curriculum is delivered by Miss S. Thompson in Key stage 1 and by Mr P. Triggs in Key Stage 2. Class teachers support and work alongside to deliver a highly ambitious computing curriculum. Class teachers also guide children through additional cross curricular tasks each term to provide further additional literacy using a range of technology, software and apps.

Key Stage 1

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| --- | --- | --- | --- |
|  | Autumn | Spring | Summer |
| Year 1 | What is a computer? | Spring 1 – Barefoot  Spring 2 - Beebots  Coding | Summer 1  Online safety  Summer 2 |
| 2 create a picture (using a computer) |
| Year 2 | PSHE pic collages | Data handling whatever the weather | Summer 1  Online Safety  Summer 2  Computing, retrieving information, keyboard skills, online safety |
| Titanic  Powerpoint | Space FIlm Trailers |

Key Stage 2

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| --- | --- | --- | --- |
|  | Autumn | Spring | Summer |
| Year 3 | Word Processing and Basic Computer Skills | (Block Coding)  Kodu | Networking  Minecraft |
| Year 4 | C.A.D  Designing a Nursey | Coding  Scratch & Sphero | Coding  Microbits |
| Year 5 | HTML & Google  Building a Website | F1 Challenge  C.A.D. / Presentation | Coding  Crumbles |
| Year 6 | App Design  Blippit | Coding Robotics  (Block Coding) | Coding  Python |