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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

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

Key Stage 2

|  |  |  |  |
| --- | --- | --- | --- |
|  | Autumn | Spring | Summer |
| Year 3 | Word Processing and Basic Computer Skills | (Block Coding)Kodu | NetworkingMinecraft |
| Year 4 | C.A.DDesigning a Nursey | CodingScratch & Sphero | CodingMicrobits |
| Year 5 | HTML & GoogleBuilding a Website | F1 ChallengeC.A.D. / Presentation | CodingCrumbles |
| Year 6 | App DesignBlippit | Coding Robotics(Block Coding) | CodingPython |