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 **Peaslake School Mixed Age Computing Curriculum Key Stage one - 2024-2025**

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|  | **Computer Science (CS)**How computers and computer systems work and how they are designed and programmed | **Information Technology: (IT)**The purposeful use of existing programs to develop products and solutions. | **Digital Literacy (DL)**The skills, knowledge and understanding needed in order to participate in a digital world. |
| A – understanding what algorithms are, how they are implemented as programs on digital devices; and that programs execute by following precise instructions. B – Create and debug simple programmesC – use logical reasoning to predict the behaviour of simple programmes.D – use technology purposefully to create, organise, store, manipulate and retrieve digital content. E – recognise common uses of technology beyond schoolF – 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. |
| **Cycle** | **Autumn 1** | **Autumn 2** | **Spring 1** | **Spring 2** | **Summer 1** | **Summer 2** |
|  | **Computing systems and networks** | **Creating Media** | **Data and Information** | **Data and information** | **Programming A** | **Programming A**  |
| **A** | Online safety FTechnology all around us EF | Digital Painting ED | Online safety FGrouping Data D E | Pictograms D E | Online safety FMoving a Robot ABC | Robot Algorithms ABC |
|  | **Computing systems and networks** | **Creating Media** | **Programming B** | **Creating Media** | **Programming B** | **Creating Media**  |
| **B** | Online safety FInformation Technology around us. EF | Digital Photography D E | Programming Animations ABC | Digital music ED | Online safety FProgramming quizzesABC.  | Digital Writing D E |