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| **Year group** | **Autumn term** | **Spring term** | **Summer term** |
| **Nursery** | 30 – 50 months   * Knows how to operate simple equipment, e.g. turns on CD player and uses remote control. * Shows an interest in technological toys with knobs or pulleys, or real objects such as cameras or mobile phones. * Shows skill in making toys work by pressing parts or lifting flaps to achieve effects such as sound, movements or new images. Knows that information can be retrieved from computers. | | |
| **Reception** | Bee bots  Using a simple programme or website to complete a task e.g. using Mini Mash or Cbeebies.  Competently use a mouse using left and right click where necessary. | Be able to find or locate a programme, open the programme and complete a task. | Switch a computer on and log onto the server.  Find a programme, complete a task and save their work.  40 – 60 months  Early Learning Goal Children recognise that a range of technology is used in places such as homes and schools. They select and use technology for particular purposes. |
| **Year 1** | Topic name: This is me ..  Unit 1.1 Online Safety & exploring Purple Mash  Tools used : Avatar creator paint projects, writing templates, 2count, 2explore (music)  Unit 1.2 Grouping & sorting  Tools used: 2Quiz  Unit 1.3 Pictograms  Tools used: 2count, 2connect | Topic name: Pirates and Heroes  Unit 1.4 Lego builders  Tools used: 2Quiz, paint projects, writing templates.  Unit 1.5 Maze explorers  Tools used: 2Go  Unit 1.6 Animated Story Books  Tools used: 2Create a story, text ease | Topic name: Changes  Unit 1.7 coding  Tools used: 2Code, construction Bots, unplugged activities Barefoot teaching resources.  Unit 1.8 technology outside school  Tools used: writing templates |
| **Year 2** | Topic name: The Great fire of London  Unit 2.1 Coding  Tools used: scratch jnr, textease turtle, daisy the dinosaur app, construction bots and 2Code.  Unit 2.2 Online safety  Tools used: writing templates, display boards, 2respond (2email)  Unit 2.3 spreadsheets  Tools used:2calculate | Topic name: Dinosaurs  Unit 2.4 Questioning  Tools used: 2Question, 2Investigate and 2Calculate.  2.5 Effective searching  Tools used: Browser, 2Quiz, writing templates, Microsoft powerpoint/ word. | Topic name: Seasides  Unit 2.7 making music  Tools used: 2Sequence  Unit 2.8 presenting ideas  Tools used: 2connect (mind map), 2create a story, 2quiz and writing templates |
| **Year 3** | Topic name: Stone Age  Unit 3.1 Coding  Tools used: 2Code, scratch jnr, apps on the ipad e.g. Alexander robot app  Unit 3.2 Online safety  Tools used: 2Connect (mind map), 2Blog ( Blogging), writing templates, display boards.  Unit 3:3 spreadsheets  Tools used: 2Calculate | Topic name: India  Unit 3.4 touch-typing  Tools used: 2Type  Unit 3.5 Email  Tools used: 2Email | Topic Name: Marvellous Machines  Unit 3.6 Branching Databases  Tools used: 2question  3.7 simulations  Tools used: 2simulate, writing templates.  Unit 3.8 graphing  Tools used: 2Graph, writing templates, 2Blog |
| **Year 4** | Topic name: Groovy Greeks  Unit 4.1 coding  Tools used: 2Code  Unit 4.7 effective searching  Tools used: browser, 2Quiz, 2Connect  4.5 Logo  Tools used: writing templates, 2Simulate, 2Connect (mind map), 2Publish Plus, PowerPoint | Topic name: volcanoes  Unit 4.2 Online Safety  Tools used: 2Connect ( mind map), 2Publish plus, display boards.  Unit 4.4 writing for different audiences  Unit 4.6 animation  Tools used: 2Animate, green screen app and software, I movie | Topic name: endless eating  Unit 4.3 Spreadsheets  Tools used: 2calculate  Unit 4.8 Hardware investigators  Tools used: 2Quiz,2Connect (mind map), writing templates |
| **Year 5** | Topic name: Tudors  Unit 5.1: coding  Tools used: 2Code  Unit 5.2 Online Safety  Tools used: 2Publish Plus, Writing Templates, Display boards, 2Connect (mind map)  5.4 Databases  Tools used: 2Investigate (database), Avatar creator | Topic name: Star Wars  Unit 5.5 Game creator  Tools used: 2DIY 3D, Writing templates, 2Blog (Blogging)  Unit 5.6 3D modelling  Tools used: 2Connect | Topic name: Endless Oceans  Unit 5.3 Spreadsheets  Tools used: 2Calculate, excel  Unit 5.7 concept maps  Tools used: 2 connect |
| **Year 6** | Topic name: Saxons and Vikings  Unit 6.1 coding  Tools used: 2Code, scratch, kodu  Unit 6.2 Online Safety  Tools used: 2DIY 3D, 2DIY,2Code,2Blog  Unit 6.4: blogging  Tools used: 2Blog | Topic name: World War 2:  Unit 6.7 Quizzing  Tools used: 2Quiz, 2DIY, Text toolkit, 2 Investigate ( database)  Unit 6.5 text adventures  Tools used: 2Code, 2Connect, 2Create a story, writing templates | Topic name: Mexico  Unit 6.3 spreadsheets  Tools used: 2Calculate, excel  unit 6.6 Networks  tools used: 2Connect, writing templates, Microsoft word |