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|  | | **Class 2 Year 1 & Year 2** | **Class 3**  **Year 3 & Year 4** | **Class 4**  **Year 5 & Year 6** |  | **Class 2 Year 1 & Year 2** | **Class 3**  **Year 3 & Year 4** | **Class 4**  **Year 5 & Year 6** |
| **Autumn** | *Core Text* | George’s Marvellous Medicine | Swallows and Amazons | Harry Potter and  the Philosopher’s Stone | The Enchanted Woods | The Railway Children | The Hobbit |
| *Topic* | Using Technology with Purpose.  Beebots | Emailing. Journey Inside a Computer | Introduction to Python  Big Data 1 | What is a Computer? International Space Station | Collaborative working  How The Internet Works | Big Data  2  Skills Showcase |
| *Main Enquiry* | How do I make a computer work?  Can a Beebot cross the road? | How can I communicate electronically?  Does a computer have a brain? | How is the biggest python 4 million lines long?  Which kind of chips can’t you eat? | What does each part of a computer do?  How can computers sense the world around them? | How can I communicate electronically?  How can a computer send us on a route? | Can you design our big smart school?  Think and compute |
| **Spring** | *Core Text* | Ossiri and the Bala Mengro | The Wolf Wilder | When Life Gives You Mangoes | Anna Hibiscus | The Boy at the Back of the Class | The Silver Sword |
| *Topic* | Algorithms Unplugged  Taking photographs. | Top Trumps Database  Digital Literacy | Search Engines  Sonic Pi | Scratch Jnr | Website Design  HTML | Bletchley Park |
| *Main Enquiry* | How does a computer know what to do?  Can a photograph lie? | How can we sort data?  Does a video always tell the truth? | Is everything on Wikipedia true?  Who put the supersonic in Sonic Pi? | How can I programme a computer?  What does debugging mean and how do I do it? | Does a webpage always have the answer?  What problems can you solve with the internet? | Can you crack the code? |
| **Summer** | *Core Text* | The Water Horse | The day I met a whale | Skellig | Paddington | The Wizards of Once | Love that dog |
| *Topic* | Representing data  Technology with purpose | Programming –Scratch  Networks | Online Safety  Micro:bit | Word processing skills.  Stop Motion | Investigating Weather  Computational Thinking | Mars Rover 1  Mars Rover 2 |
| *Main Enquiry* | What is data?  Do we need computers to get to the moon? | How can you control a Sprite?  Can computers talk to each other? | Who can you put your trust in?  Who put the bit in Micro:bit? | Can I write my name in different ways on the computer?  Can I tell a story using words and pictures? | How can you control a Sprite?  When are computers needed? | How can we gather data from space?  Can you develop your skills? |