



Kapow Computing - Key Stage 1

NB. FOLLOW E-SAFETY PLANNING AT THE START OF EVERY UNIT

| | Cycle 1 | Cycle 2 |
|-----------------|--|--|
| Autumn 1 | <u>Year 1- Improving mouse skills.</u> Computing systems and networks | <u>Year 1 - Bee-bots</u> Programming |
| Autumn 2 | <u>Year 1 - Algorithms unplugged</u> Programming | <u>Year 1 - Digital imagery</u> Creating `media |
| Spring 1 | <u>Year 1 - Rocket to the moon</u> Skills showcase | <u>Year 1 - Introduction to data</u> Data handling |
| Spring 2 | <u>Year 2 - What is a computer?</u> Computing systems and networks | <u>Year 2 - Scratch Jr</u> Programming |
| Summer 1 | <u>Year 2 - Algorithms and debugging</u> Programming | <u>Year 2 - Stop motion</u> Creating media |
| Summer 2 | <u>Year 2 - Word processing</u> Computing systems and networks | <u>Year 2 - International space station</u> Data Handling |



Kapow Computing - LKS2

NB. FOLLOW E-SAFETY PLANNING AT THE START OF EVERY UNIT

| | Cycle 1 | Cycle 2 |
|-----------------|--|---|
| Autumn 1 | <u>Year 3 - Emailing</u> Computing systems and networks | <u>Year 3 - Networks and the internet</u> Computing systems and networks |
| Autumn 2 | <u>Year 3 - Programming Scratch</u> Programming | <u>Year 3 - Comparison cards</u> Data handling |
| Spring 1 | <u>Year 3 - Video trailers</u> Creating media | <u>Year 3 - Journey inside a computer</u> Computing systems and networks |
| Spring 2 | <u>Year 4 - Website design</u> Creating media | <u>Year 4 - Collaborative learning</u> Computing systems and networks |
| Summer 1 | <u>Year 4 - Further coding with Scratch</u> Programming | <u>Year 4 - Investigating weather</u> Data Handling |
| Summer 2 | <u>Year 4 - Computational thinking</u> Programming | <u>Year 4 - HTML</u> Skills showcase |

Kapow Computing - UKS2

NB. FOLLOW E-SAFETY PLANNING AT THE START OF EVERY UNIT

| | Cycle 1 | Cycle 2 |
|-----------------|--|---|
| Autumn 1 | <u>Year 5 - Micro:bit</u> Programming | <u>Year 5 - Programming music</u> Programming |
| Autumn 2 | <u>Year 5 - Mars Rover 1</u> Data handling | <u>Year 5 - Stop motion animation</u> Creating media |
| Spring 1 | <u>Year 5 - Mars Rover 2</u> Skills showcase | <u>Year 5 - search engine</u> Computing systems and networks |
| Spring 2 | <u>Year 6 - Bletchley Park</u> Computing systems and networks | <u>Year 6 - Big data 1</u> Data handling |
| Summer 1 | <u>Year 6 - History of computers</u> Creating media | <u>Year 6 - Big data 2</u> Data handling |
| Summer 2 | <u>Year 6 - Inventing a product</u> Skills showcase | <u>Year 6 - Introduction to Python</u> Programming |