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|  | **Focus** | **Y1** | **Y2** | **Y3** | **Y4** | **Y5** | **Y6** |
| **AUTUMN 1** | Programming | **WE ARE TREASURE HUNTERS**  Using programmable toys | **WE ARE ASTRONAUTS**  Programming on screen | **WE ARE PROGRAMMERS**  Programming an animation | **WE ARE SOFTWARE DEVELOPERS**  Developing a simple educational game | **WE ARE GAME DEVELOPERS**  Developing an interactive game | **WE ARE APP PLANNERS**  Making a text-based adventure game |
| **AUTUMN 2** | Computational thinking | **WE ARE TV CHEFS**  Filming the steps of a recipe | **WE ARE GAMES TESTERS**  Exploring how computer games work | **WE ARE BUG FIXERS**  Finding and correcting bugs in programs | **WE ARE TOY DESIGNERS**  Prototyping an interactive toy | **WE ARE CRYPTOGRAPHERS**  Cracking codes | **WE ARE PROJECT MANAGERS**  Mastering algorithms for searching, sorting and mathematics |
| **SPRING**  **1** | Creativity | **WE ARE PAINTERS**  Illustrating an e-book | **WE ARE PHOTOGRAPHERS**  Taking, selecting and editing digital images. | **WE ARE PRESENTERS**  Videoing performances | **WE ARE MUSICIANS**  Producing digital music | **WE ARE ARTISTS**  Fusing geometry and art | **WE ARE MARKET RESEARCHERS**  Creating a short television advert |
| **SPRING**  **2** | Computer networks | **WE ARE COLLECTORS**  Finding images using the web | **WE ARE RESEARCHERS**  Researching a topic | **WE ARE NETWORK ENGINEERS**  Making and sharing a short screencast and presentation | **WE ARE HTML EDITORS**  Editing and writing HTML | **WE ARE WEB DEVELOPERS**  Creating a web page about cyber safety | **WE ARE INTERFACE DESIGNERS**  Exploring computer networks including the internet |
| **SUMMER 1** | Communication /Collaboration | **WE ARE STORY TELLERS**  Producing a talking book | **WE ARE DETECTIVES** Communicating clues | **WE ARE COMMUNICATORS**  Communicating safely on the internet | **WE ARE CO-AUTHORS**  Producing a wiki | **WE ARE BLOGGERS**  Sharing experiences and opinions | **WE ARE APP DEVELOPERS**  Using media and mapping to document a trip |
| **SUMMER 2** | Productivity | Creating a card electronically | **WE ARE ZOOLOGISTS**  Recording bug hunt dataon screen | **WE ARE OPINION POLLSTERS**  Collecting and analysing data | **WE ARE METEOROLOGISTS**  Presenting the weather | **WE ARE ARCHITECTS**  Creating a virtual space | **WE ARE MARKETERS**  Creating a year book |