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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 |