Computing Curriculum Planner: Camelot

Autumn	Spring	Summer	
e-Safety- planned within PSHE / Citizenship using Somerset BYTE Awards **I am kind and responsible** Agree class internet rules based on personal responsibilities. Include cyberbullying messages in Anti-bullying week.	e-Safety- planned within PSHE / Citizenship using Somerset BYTE Awards **I am safe** Keep personal details private, consider who you are talking to online and make sure a trusted adult knows what you are doing online. Use Safer Internet Day to focus on use of the internet and different technologies.	e-Safety – planned within PSHE / Citizenship using Somerset BYTE Awards **I am healthy** Consider age-appropriate and healthy use of technology. Include consideration of time spent using technology and recognition of appropriate websites and games in Health week.	

TIOL 1 - CORE

Year 5 Improve My Web Detective Skills   3 sessions

- Consider the difference between the Internet and the World Wide Web and how they are linked
- Discuss how information online may not be accurate or reliable

Multimedia 1 – CORE

Year 5 Using Google docs

- Consider keyboard and editing skills
- Collect ideas linked to topic l
- Create a document using google docs
- Learn how to use google classroom

Programming 1 - CORE

Year 4 My Scratch Games

5 sessions

- Make the Scratch cat move and change
- Use Scratch to program keys and use them to 'draw'
- Create a car racing game using their knowledge of 'if…then' commands in Scratch
- Create their own game

Handling Data 2 – CHOICE

Year 5 Measuring Rainfall and My Water Usage

3 sessions

- Explore data to conserve water
- Learn about computer modelling
- Produce chart to show rainfall and interpret graph about animals

TIOL 2 – CHOICE

Year 5 Exploring My World

2 sessions link to topic

- Explore the world using Google Earth and look at the layers of information contained in the tool
- Create and record a virtual tour from their home to school and another destination
- Create a presentation about their dream destination

Multimedia 1 – CORE

Year 4 My Comic Book

5 sessions (choose from Comic Life / PowerPoint units)

- Explore the conventions of comic books
- Create their own comic book about their school
- Share their comic books with classmates and provide feedback
- Create a comic book to support Science learning

Open Ended Challenge

Identify an appropriate challenge to allow children to

- Use computational thinking to plan, develop and evaluate their use of technology
- Have a differentiated learning experience including developing mastery
- Demonstrate attainment in computing

Basic Skills
(to support my learning across the curriculum)

- Use a secure personal log in for a variety of online resources
- Combine appropriate apps through the use of the camera roll on a tablet
- Combine software to achieve effective outcomes.
- Work collaboratively on documents and presentations
- Create hyperlinks within and between documents
- Identify three online sources to check information
- Use keyboard to confidently input text, characters and numbers
- Use bullet points
- Add text boxes
- Move, resize and rotate shapes, text and pictures
- Use common keyboard shortcuts on laptops and PCs