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
- Create a checklist to ensure that the information they are using is accurate

Programming 1 - CORE

Year 5 Scratch My Roman Numerals   5 sessions

- Review knowledge of Scratch
- Use Scratch to help count in number sequences
- Create a program that counts in number sequences
- Record voices to add to Scratch counting program
- Create a program to count in Roman numerals
- Combine counting programs

Handling Data 1 – CORE

Year 5 Discovering My Solar System   4 sessions

- Collect, record and analyse data about planets using 2Investigate
- Interrogate each other's databases
- Compare with online

Multimedia 1 – CORE

Year 5 Using Google docs

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

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

WESSEX TEACHING SCHOOL