

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.	 Basic Skills (to support my learning across the curriculum) - Securely access a variety of devices and online resources - Store documents and videos online where they can be accessed by themselves and shared with others - Use knowledge of software and apps to combine technologies to support my learning - Recognise file types for text, image and video files - Use a range of search filters e.g. +, -, or, info: advanced searching, file type - Effectively use right click menu within documents and presentations - Save as a particular file type - Select menu options within a variety of apps - Create tables - Use find and replace when editing documents Additional unplugged activities to reinforce computational thinking <u>Prinigma Machine</u> (2 x 45 minutes) - Make a Prinigma machine - Decipher and send a message - Understand how the Enigma machine worked <u>Logical Number Sequences</u> (45 minutes) - Explain the rule for a number sequence and predict which number(s) comes next - Use logical reasoning as they work out and explain their algorithms. Sign up free to Barefoot Computing. <u>Intelligent Piece of Paper</u> (30 - 40 minutes) - Can a human being beat a piece of paper at noughts and crosses? - Think about 'What is a program?'
Handling Data 3 – CHOICE Year 6 Checking My Fitness 2 sessions - Use datalogger or app to check heart rate before and after exercise - Use technology to investigate what happens when you exercise	TIOL 3 - CHOICE Year 6 Sharing My Knowledge 3 sessions - Talk about the online tools they could use to achieve a variety of tasks - Describe the risks they may need to consider when using the tools - Help teachers to know about	Multimedia 3 – CHOICE Year 6 My Minecraft Story 6 sessions - Discuss rules for using Minecraft - Build the location of a class story - Present their location to the class using descriptive language	
TIOL 2 – CORE Year 6 Using My Information 4 sessions - Use resources to build children's understanding of search engines - Search the internet to find information - Children discover how to	Multimedia 2 – CHOICE Year 6 My Non-Linear Presentation 4 sessions - Complete a basic skills checklist of skills - Discuss non-linear presentations Plan a non-linear presentation based on a class topic - Choose images for a topic	Handling Data 1 – CORE Year 6 Answer My Questions 4 sessions - Consider data and information - Identify data about Olympics - Explore online databases - Plan an investigation using the databases	
Programming 1 - CORE Year 6 Test My Topic with Scratch 8 sessions - Create a Times Table quiz - Plan a game adapting Times Table quiz for a quiz game - Collect/create sound and image files to use Plan an algorithm for a game	Programming 4 – CHOICE Year 6 Rock My Microbit! 4 sessions - Create an A / B / C response system to show answer to questions - Use a variable to create a score board as a class for the teacher to show on the screen	Programming 3 – CHOICE Year 6 My Logo Web and Function Machines 8 sessions - Review knowledge of Logo and create shapes of different colours - Meet challenges to recreate unusual shapes	
Multimedia 1 – CORE Year 6 Sell My School 2 sessions - Look another school's promotional video to attract parents, children and staff - Discuss how they can promote their own school	Handling Data 2 – CHOICE Year 6 Checking Out My Websites 3 sessions - Plan an investigation - Collect data based on their learning about websites - Present findings to others	TIOL 3 - CHOICE Year 6 Sharing My Knowledge 3 sessions - Talk about the online tools they could use to achieve a variety of tasks - Describe the risks they may need to consider when using the tools - Help teachers to know about	