

Year 5/6 Year A		
Autumn	Spring	Summer
Online-Safety- planned within RSHE using ActiveBYTES		
I am kind and responsible (Anti-Bullying Week) Agreement Kindness Evaluating content Reporting / supporting ActiveBYTES Year 5 Autumn A ActiveBYTES Year 5 Autumn B	I am safe and secure (Safer Internet Day) Privacy Relationships Protecting devices Reporting / supporting ActiveBYTES Year 5 Spring A ActiveBYTES Year 5 Spring B	I am healthy Self- image Age appropriate Lifestyle choices Reporting / supporting ActiveBYTES Year 5 Summer A ActiveBYTES Year 5 Summer B
Year 6 Programming 4 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 • Create a counter to keep score or to count exercises • Create a rock, paper, scissors game	Year 5 Programming 2 Logo My Shapes 5 sessions • Create a program to teach the computer to draw a range of regular polygons • Refine programs using procedures to make them more efficient • Use procedures to create patterns of repeating regular polygons	Year 5 Programming 1 Scratch My Roman Numerals 4 sessions • Review knowledge of Scratch • Use Scratch to help count in number sequences • Create a program that counts in number sequences and one to count with Roman Numerals • Record voices to add to Scratch counting program • Count in Roman Numerals
Year 5 TIOL 1 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	Year 5 Multimedia 2 My Weather Forecast 3 sessions • Look at TV weather forecasts • Use data from weather websites to make prediction • Write a script for a weather forecast • Film using Greenscreen software/app • Record weather forecast as a sound file for podcasting	Year 6 Multimedia 1 Sell My School 2 sessions • Look at another school's promotional video to attract parents, children and staff • Discuss how they can promote their own school • Form a production team to create a promotional video for their school • Use a range of multimedia techniques in their video
Year 5 Handling Data 1 Discovering My Solar System 4 sessions • Collect, record and analyse data about planets using 2Investigate • Interrogate each other's databases • Compare with online database	Year 5 Handling Data 2 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	Year 6 TIOL 2 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 check reliability • Make sure sources of information are acknowledged

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Year 6 Programming 3 My Logo Web and Function Machines 6 sessions - Review knowledge of Logo and create shapes of different colours - Meet challenges to recreate unusual shapes - Make shapes grow and create a spider web - Make numbers and function machines	Year 6 Programming 1 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 - Program the game in Scratch using variables to add a score - Continue to test game while making it	Year 6 Programming 6 My Branching Scratch 4 sessions - Design branching database - Deconstruct requirements for younger learners - Plan an algorithm for each part of the solution - Implement the algorithm to achieve branch database - Trial and improve - Provide resource to support learning of younger children
Year 5 Multimedia 1 Presenting My Persuasion 5 sessions - Consider what makes a presentation interesting - Design a presentation to persuade an audience about a particular viewpoint or argument - Compare two presentation tools - Make a presentation on a topic to support learning	Year 5/6 TIOL 4 Year 5/6 My Rights to the Internet 2 sessions - Consider what the internet is used for - Discover which countries have access to the internet - Discuss rights to the internet	Multimedia 3 – CHOICE Year 5 My Sound, My Mood 2 sessions - Discuss how music affects our impression of a video clip and the way we feel - Create a piece of music to accompany fictional writing and add atmosphere - Find sound effects to add to a piece of writing - Record story and combine narration with sound
Year 6 TIOL 1 Move My Information 3-5 sessions - Build a list of the different services the Internet provides - Increase understanding of how the internet works - Present 'How the internet works' - Optional learning about redundancy and tracing where websites are hosted	Year 6 Handling Data 2 Checking Out My Websites 3 sessions - Plan an investigation - Collect data based on their learning about websites - Present findings to others	Year 5 Handling Data 4 My Active Data 3 Sessions - Begin to understand 'Big Data' - Work together to design an investigation - Carry out their investigation - Collate the class data to create Collective Data - Analyse the data and present their findings - Apply the outcomes of their investigation to their own lifestyle choices