Computing   Year 2   Autumn 2

Unit 2.2 Online Safety (Lessons 1 & 2)

Prior Learning	Unit 1.1 Online Safety and Purple Mash Unit 1.6 Technology Outside School	
Key Vocabulary	**Objectives** *taken from Progression Document*	**Key Knowledge**
search **display board** **sharing** **email** **attachment** **digital footprint**	To know how to refine searches using the Search tool To use digital technology to share work on Purple Mash to communicate and connect with others locally To have some knowledge and understanding about sharing more globally on the Internet. To introduce Email as a communication tool using 2Respond simulations To understand how we should talk to others in an online situation. To open and send simple online communications in the form of email. To understand that information put online leaves a digital footprint or trail. To identify the steps that can be taken to keep personal data and hardware secure.	Children know that it is possible to search and filter those searched safely on Purple Mash. Children know that email is an electronic communication tool. Children know that we can share information online and use display boards in Purple Mash. Children know that it is important to be kind to others online and think carefully about what we share. Children know how to keep personal data private. Extended Knowledge Children know that information shared online leaves a digital footprint or trail.

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Unit 2.3 Spreadsheets

Prior Learning	Unit 1.8 Spreadsheets Unit 1.3 Pictograms	
Key Vocabulary	**Objectives** *taken from Progression Document*	**Key Knowledge**
block graph **copy** **count tool** **drag** **equals tool**	To review the work done in 2Calculate in year 1. To revise spreadsheet related vocabulary. To use some 2Calculate tools that were introduced in year 1. To use copying, cutting and pasting shortcuts in 2Calculate. To use 2Calcuate totalling tools. To use 2Calculate to solve a simple puzzle. To explore the capabilities of a spreadsheet in adding up coins to match the prices of objects. To add and edit data in a table layout. To use the data to manually create a block graph.	Children know that a simple spreadsheet can automatically calculate different amounts. Children know that spreadsheets can be used to create block graphs. Children know the different tools that can be used on a simple spreadsheet, such as copy, count and equals. Extended Knowledge Children know that can be used for solving mathematical problems. Children know how to manipulate data in a spreadsheet.