

Class: Year 3

Unit		
Aut 1 Unit title: Email	<u>National Curriculum coverage</u> - understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration - use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content - select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information - use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.	<u>Key computing skills</u> <ul style="list-style-type: none"> • To understand how people communicate with each other. • To understand and respond to an email. • To compose and send an email. • To send an email attachment. • To learn how to use email safely. • To explore simulated email scenarios.
Aut 2 Unit title: Touch Typing	<u>National Curriculum coverage</u> - understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration - use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content - select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information	<u>Key computing skills</u> <ul style="list-style-type: none"> • To learn correct finger positioning on the keyboard and understand when to use the left or right hand. • To learn how to type numbers accurately and to use the shift key for capital letters. • To practise typing punctuation marks and symbols and build accuracy with simple words. • To practise typing sentences using capital letters, spaces, and full stops.
Spr 1 Unit title: Branching Databases	<u>National Curriculum coverage</u> - understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration - use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content - select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information	<u>Key computing skills</u> <ul style="list-style-type: none"> • To understand the concept of using 'Yes' or 'No' questions to sort objects. • To understand and use a branching database effectively. • To plan and create a branching database. • To test and debug branching databases to correct errors.
Spr 2 Unit title: Spreadsheets	<u>National Curriculum coverage</u> - understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration - use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content - select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information	<u>Key computing skills</u> <ul style="list-style-type: none"> • To understand the layout and features of 2Calculate in Advanced Mode. • To use the arrows toolbar to be able to automatically total rows and columns. • To use simple formulae in a spreadsheet by using the formula wizard. • To use advanced formulae in a spreadsheet to calculate totals, averages and to find the highest and lowest values. • To apply spreadsheet skills to solve real-world problems. • To design and use a spreadsheet to answer a series of questions.

<p>Sum 1 Unit title: Coding</p>	<p><u>National Curriculum coverage</u> - design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts - use sequence, selection, and repetition in programs; work with variables and various forms of input and output - use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs</p>	<p><u>Key computing skills</u></p> <ul style="list-style-type: none"> • To understand what a flowchart is and how flowcharts are used in computer programming. • To understand that there are different types of timers. • To understand how to use the repeat command. • To understand the importance of nesting when coding, testing and debugging. • To design a program. • To use design documentation to code a program.
<p>Term 6 Unit title: Presentations</p>	<p><u>National Curriculum coverage</u> - understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration - use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content - select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information</p>	<p><u>Key computing skills</u></p> <ul style="list-style-type: none"> • To learn how to open Keynote, add text and change how it looks. • To learn how to add slides, change slide designs and insert pictures into a presentation. • To add animations to pictures and text, and transitions between slides. • To create an effective presentation. • To complete and present a slideshow to an audience.

