

Computing



<p>Key Stage 2 Y6 Autumn</p>	<p>Vocabulary:</p> <p>Cursor, font, copy, paste, information sharing, cut, undo, import, scroll, justify, align, centre, validity/reliability, fact/opinion, portrait/landscape, table, toolbar, tab, headers/footers, flag, cells, cyberbully</p>	<p>National Curriculum reference</p> <p>Pupils should be taught to:</p> <ul style="list-style-type: none"> 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. 																												
<p>Resources and links</p> <p>kiddle.co</p> <p>https://www.i2e.com/i2data/</p> <p>www.code.org</p>	<p>What we want children to know:</p> <table border="1"> <thead> <tr> <th colspan="2">Computing Curriculum Coverage</th> <th>Software-based knowledge (Course F lesson 14)</th> <th>Text</th> </tr> </thead> <tbody> <tr> <td></td> <td>Generic</td> <td rowspan="7"> <ul style="list-style-type: none"> Choose and combine the use of appropriate programs and tools to complete a task Evaluate effectiveness of work in progress and choices of ICT used Begin to understand how the internet works learning about connections, URLs, IP Addresses, and the DNS </td> <td rowspan="7"> <ul style="list-style-type: none"> Use word-processing skills in a range of different contexts Split cells in a table Merge cells in a table Use 'Find, Search, Replace' Use layout and formatting menus to select appropriate spacing, title placing and text organisation, as appropriate Add headers and/or footers as appropriate </td> </tr> <tr> <td></td> <td>E-safety</td> </tr> <tr> <td></td> <td>Text</td> </tr> <tr> <td></td> <td>Research</td> </tr> <tr> <td></td> <td>Creating</td> </tr> <tr> <td></td> <td>Coding</td> </tr> <tr> <td></td> <td>Data</td> </tr> <tr> <th colspan="2">Data Handling</th> <th>Research</th> <th>E-Safety (Course F lessons 17-19)</th> </tr> <tr> <td colspan="2"> <ul style="list-style-type: none"> Know how to check for, and spot, inaccurate data Use formulae and functions in a spreadsheet Enter and use simple a simple formula in a spreadsheet Understand that changing numerical data affects a calculation Change data to satisfy 'What if?' enquiries Use a spreadsheet to solve simple problems, e.g. the relationship between the perimeter and area of a quadrilateral Make graphs from the calculations on a spreadsheet Use editing tools to alter the design of a graph Organise, refine and present information appropriate to an audience. </td> <td> <ul style="list-style-type: none"> Be aware of user-made websites (such as Wikipedia) and the implications of this Suggest ways of checking accuracy of information independently Be aware of privacy and other issues related to internet use State the source of information found on the internet </td> <td> <ul style="list-style-type: none"> Find 'report' and 'flag' buttons in commonly-used sites and name sources of help Discuss scenarios involving online risk Act as a role model for younger pupils </td> </tr> </tbody> </table>	Computing Curriculum Coverage		Software-based knowledge (Course F lesson 14)	Text		Generic	<ul style="list-style-type: none"> Choose and combine the use of appropriate programs and tools to complete a task Evaluate effectiveness of work in progress and choices of ICT used Begin to understand how the internet works learning about connections, URLs, IP Addresses, and the DNS 	<ul style="list-style-type: none"> Use word-processing skills in a range of different contexts Split cells in a table Merge cells in a table Use 'Find, Search, Replace' Use layout and formatting menus to select appropriate spacing, title placing and text organisation, as appropriate Add headers and/or footers as appropriate 		E-safety		Text		Research		Creating		Coding		Data	Data Handling		Research	E-Safety (Course F lessons 17-19)	<ul style="list-style-type: none"> Know how to check for, and spot, inaccurate data Use formulae and functions in a spreadsheet Enter and use simple a simple formula in a spreadsheet Understand that changing numerical data affects a calculation Change data to satisfy 'What if?' enquiries Use a spreadsheet to solve simple problems, e.g. the relationship between the perimeter and area of a quadrilateral Make graphs from the calculations on a spreadsheet Use editing tools to alter the design of a graph Organise, refine and present information appropriate to an audience. 		<ul style="list-style-type: none"> Be aware of user-made websites (such as Wikipedia) and the implications of this Suggest ways of checking accuracy of information independently Be aware of privacy and other issues related to internet use State the source of information found on the internet 	<ul style="list-style-type: none"> Find 'report' and 'flag' buttons in commonly-used sites and name sources of help Discuss scenarios involving online risk Act as a role model for younger pupils 	
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