

Computing Unit 1: E-Safety							Computing Unit 2: Spreadsheet Modelling						
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
1.1 Log in, File Management	1.2 Social Networking	1.3 Keeping your data safe	1.4 Using Email	1.5 Searching the web	ASSESSMENT	DIRT	2.1 Introduction to spreadsheets and Maths in Excel	2.2 Formatting	2.3 Modelling Data	2.4 Graphs	2.5 Household Finances	ASSESSMENT	DIRT
<p>Students are assessed on a broad range of 'using computers' knowledge including file names, folder structures, being safe online and effective use of email systems.</p> <p>At the end of the unit students will be able to:</p> <ol style="list-style-type: none"> Understand how to stay safe online. How to organise their work with suitable file names in sound folder structures. How to use email software effectively. Understand basic validation principles 							<p>Students are assessed on basic formula principles and excel terminology, and then practically to check skills for tables, formulas and graphs.</p> <p>At the end of the unit students will be able to:</p> <ol style="list-style-type: none"> Understand important excel terms Understand how to calculate in a spreadsheet Understand how to format spreadsheets To be able to produce and interpret graphs 						
Homework:							Homework:						
Week 1: Draw a diagram to show a sensible folder structure for school.							Week 2: Explain why formatting is important						
Week 2: Read this and complete test: https://www.bbc.com/bitesize/guides/zrtrd2p/revision/1							Week 3: (FLIP) Produce a hand drawn graph to show the ages of 10 family and friends						

H A L F T E R M

Week 4: On word, write a draft email to your old primary school teacher telling them about your first month at Bilton, include key layout features.

Key Vocab: File names and folder structure

Connected Knowledge: Links to Features of interactive products and BTEC Level 3 IT (Social Media unit).

Links to NCFE Produce a website/folder and file structure (unit 3).

Links to validation and variables in coding (year 8, CS GCSE and CS A Level).

Character & Culture / PSHE.

Week 5: Produce a spreadsheet and graph for a number of family and friends (heights, ages or other)

Key Vocab: Spreadsheet modelling, Formula, Calculations, Formatting,

Connected Knowledge: Links to Science/PE/Maths in data analysis To Maths and numeracy. BTEC IT use statistical data and data presentation in social media unit, NCFE iMedia students use excel to produce a Gantt Chart

Cultural Capital: Understanding how to use IT within an organisation and socially and sa

Social, Moral, Spiritual and Cultural Development:E-Safety topics, use of social media

Cultural Capital: Use of spreadsheets and teaching how to budget for yourself, looking at potential

Fundamental British Values: Employment Law and Discrimination:

Computing Unit 4: Image production & editing (Photoshop)							Computing Unit 3 : Spreadsheet Quiz (Code & Macro's)						
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
4.1 Understanding page sizes, layers and opacity	4.2 Resizing images, move tool, flip, hue, black & white and Hot keys	4.3 Text and text editing using html colour codes	4.4 Magazine Design	4.5 Produce a Magazine cover	ASSESSMENT	DIRT	3.1 Creating a Basic SS Quiz	3.2 Adding Advanced Features	3.3 Analysing Pre-Made Quizzes	3.4 Developing Your Won Quiz 1	3.5 Developing Your Won Quiz 2	ASSESSMENT & Submission	.
<p>Students are assessed on their ability to use Photoshop in order to produce effective assets.</p> <p>At the end of the unit students will be able to:</p> <ol style="list-style-type: none"> Use the tools within Photoshop to be able to produce effective assets. Understandings the filters and effects available. To be able to create layers involving colour, text and images. 							<p>At the end of unit students will be able to:</p> <ol style="list-style-type: none"> Use simple functions to create a self-marking spreadsheet quiz Use conditional formatting in a spreadsheet Locking worksheets and hiding the contents of cells Setting print areas in worksheets Creating validation/drop-down lists in a spreadsheet Creating hyperlinks to link worksheets 						
Week 3: choose a magazine cover and annotate the different editing elements you can identify, explain how effective this is.													

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Week 4: Investigate the html colour codes in the school website and explain how and where they are used.

Key Vocab: Canvas and canvas dimension, Layers,

Connected Knowledge: Links to the next unit in year 7.

Links to all units of NCFE Interactive Media in KS4.

Links to BTEC Level 3 units: Social Media and also Website Development.

Links to ART and Photography GCSE

Binary & HEX unit in year 7 (html colour codes)

Week 4: Spreadsheet formulae and Functions Quiz

Key Vocab: Spreadsheet modelling, Function, Formula,

Connected Knowledge: Year 7 Spreadsheets unit, Links to Science/PE/Maths in data analysis

To Maths and numeracy. BTEC IT use statistical data and data presentation in social media unit, NCFE iMedia students use excel to produce a Gantt Chart

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and networks

jobs and the pay on offer

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Website Design: Pheonix Travel End of Year assessment Contingency Lessons

Week 1	Week 2	Week 3	Week 4		Week 5	Week 6	Week 7	Week 8	Week 1	Week 2	Week 3
1.1 Purpose and Audience of Websites	1.2 Client Briefs	1.3 House Style and Site Maps	1.4 Wireframe designs	H A L F T E R M	1.5 Wireframe Designs continued	1.6 Storyboards (WebpageMock-up)	ASSESSMENT	DIRT			

At the end of the unit students will have: designing a solution for a client or target market. meet the needs of the client. Practiced Incorporated design ideas to Reflected and evaluated design ideas and choices

Homework:
 Week 3: Collect feedback on wireframe ideas and identify improvements to be made.
 Week 5: collect feedback on storyboard and identify improvements to the plan

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Key Vocab: CSS styles, design, client, target audience, client needs, wireframes, stroyboards, mood boards.

Connected Knowledge: using knowledged gained in Photoshop, Dreamweaver and video production units previously studied. Linked to NCFE
iMedia units 2. Linked to BTEC website
development unit. Binary & HEX unit in year 7 (html colour codes)

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