



# Year 8 Assessment Criteria



## Computing 1 of 5 – Organising The Web

**Computing:** Undertake creative projects that involve selecting, using, and combining multiple applications, [preferably across a range of devices,] to achieve challenging goals, including collecting and analysing data and meeting the needs of known users; Create, reuse, revise and repurpose digital artefacts for a given audience, with attention to trustworthiness, design and usability; Understand a range of ways to use technology safely, respectfully, responsibly and securely, including protecting their online identity and privacy.

**Literacy:** Writing for a wide range of purposes and audiences, including notes; Paying attention to accurate grammar, punctuation and spelling; Using Standard English confidently in their own writing [and speech].

**Numeracy :** Use scale factors, scale diagrams and maps, Use standard units of [mass, length,] time, [money] and other measures, including with decimal quantities. Use the number line as a model for ordering of the real numbers.

Theme World Tour

Source: Eduschemes

PURPLE 7	80W	able to accurately compare and contrast the benefits of using different search engines (such as Google and Yahoo) for advanced searches.	
	80W	evaluate the benefits of using information technology to produce a digital timeline as compared with producing a timeline using a pen and a ruler.	
	80W	explain the dangers of cloud computing and how to be e-safe using privacy settings	
	80W	Use scale factors, scale diagrams and maps	
	80W	Use standard units of [mass, length,] time, [money] and other measures, including with decimal quantities.	
	80W	Use the number line as a model for ordering of the real numbers	
	80W	Writing for a wide range of purposes and audiences, including notes;	
	80W	Paying attention to accurate grammar, punctuation and spelling	
BLUE 6	80W	show that I can be e-safe by carefully setting privacy controls.	
	80W	My on-line presentation ensures consistency by using templates. I have also shown I can customise the templates.	
	80W	work out how to add the map and the flight schedule to my on-line presentation.	
	80W	My browser bookmarks uses sub-folders and were very well organised.	
	80W	design suitable folder structures (including subfolders) and am able to move files into and out of the folders.	
	80W	Spelling mostly accurate. Units used correctly.	
	80W	Plan, draft, edit and proofread leaflet, presentation	
	80W	Identify audience and purpose for presentation	
GREEN 5	80W	produce an on-line presentation with some content, such as information about a city.	
	80W	show that I can create browser bookmarks.	
	80W	make useful suggestions to another pupil about how they could improve their work	
	80W	Use standard units of [mass, length,] time, [money] including with decimal quantities.	
	80W	learn lesson keywords and spellings	
YELLOW 4	80W	make a mindmap of the big picture for each lesson	
	80W	submit work in google classrooms	
	80W	Able to put numbers in order in a timeline	
	80W	Accurate spelling of lesson keywords.	



# Year 8 Assessment Criteria



## Computing 2 of 5 – Digital Media

**Computing:** Understand how data of various types (including text, sounds and pictures) can be represented and manipulated digitally, in the form of binary digits; Undertake creative projects that involve selecting, using, and combining multiple applications, preferably across a range of devices, to achieve challenging goals, including collecting and analysing data and meeting the needs of known users; Create, reuse, revise and repurpose digital artefacts for a given audience, with attention to trustworthiness, design and usability; Understand a range of ways to use technology safely, respectfully, responsibly and securely, including protecting their online identity and privacy.

**Literacy:** Learning new vocabulary, relating it explicitly to known vocabulary and understanding it with the help of context and dictionaries; Making inferences and referring to evidence in the text; Knowing the purpose, audience for and context of the writing and drawing on this knowledge to support comprehension; Writing for a wide range of purposes and audiences, including notes; Summarising and organising material, and supporting ideas and arguments with any necessary factual detail.

**Numeracy :** Use the number line as a model for ordering of the real numbers.

Theme World Tour		Source: Eduschemes	
PURPLE 7	8DM	correctly sequence a sound file ,add various effects to multiple tracks and export the file in the correct format	
	8DM	know how to optimise audio files and can describe the difference between a raw project and an optimised mp3 file.	
	8DM	able to select and use different advanced graphics techniques to produce a suitable logo, and a wrist band for a concert	
	8DM	My work is well organised using multiple layers and layer groups	
	8DM	Make a newscast and pass card according to pre-set criteria.	
	8DM	Upload files to create an Animoto video.	
	8DM	Provide informal feedback about the logo indicating the graphics editing features used	
	8DM	Produce a self assessment report. Self assess your work against given level descriptors.	
BLUE 6	8DM	download then extract files in zipped folders, and used folders, sub-folders, and file names in a consistent manner.	
	8DM	Apply my knowledge by using transparency and layers to produce a graphic such as a wrist band.	
	8DM	My work almost looks like it can be used by a real band. (It is fit for purpose.)	
	8DM	Explain what is sound recording and digital sampling.	
	8DM	Comparing vector and bitmap graphics.	
	8DM	Make a newscast and pass card meeting most pre-set criteria.	
	8DM	Provide informal feedback about the logo www,ebi	
	8DM	Produce a self assessment report	
GREEN 5	8DM	Produce a logo using one or two graphics techniques such as inserting text and an image	
	8DM	Most of the time save my work into the correct folders.	
	8DM	make useful suggestions to another pupil about how they could improve their work	
	8DM	Know the features of vector and bitmap graphics	
	8DM	learn lesson keywords and spellings	
YELLOW 4	8DM	make a mindmap/presentation of the big picture for each lesson	
	8DM	submit a sound file in google classrooms	
	8DM	Able to create a simple logo	
	8DM	Accurate spelling of lesson keywords.	



# Year 8 Assessment Criteria



## Computing 3 of 5 – Visualisation

**Computing:** Undertake creative projects that involve selecting, using, and combining multiple applications to achieve challenging goals, including collecting and analysing data and meeting the needs of known users; Create, reuse, revise and repurpose digital artefacts for a given audience, with attention to trustworthiness, design and usability.

**Literacy:** Learning new vocabulary, relating it explicitly to known vocabulary and understanding it with the help of context; Making inferences and referring to evidence in the text; Knowing the purpose, audience for and context of the writing and drawing on this knowledge to support comprehension; Writing for a wide range of purposes and audiences, including notes.

**Numeracy :** Use algebra to generalise the structure of arithmetic, including to formulate mathematical relationships; Model situations or procedures by translating them into algebraic expressions or formulae and by using graphs; Use scale factors, scale diagrams and maps.

Theme World Tour

Source: Eduschemes

PURPLE 7	8VI	embed or link my graphs to another application and can explain the difference between object linking and object embedding. I know when to use each of these	
	8VI	analyse data and use suitable infographics to represent data	
	8VI	undertook my own research and presented my findings visually using appropriate graphs and charts.	
	8VI	build a spreadsheet to compare two scenarios (such as using a tour bus or flying) and presented my findings.	
	8VI	analyse data and use suitable infographics to represent data	
	8VI	design and created my own model and can write about how it works	
	8VI	HTML/webpage research.	
	8VI	Self-assessment and evaluation for infographic and building the spreadsheet	
BLUE 6	8VI	use the COUNT and IF functions for a particular purpose	
	8VI	use infographics to represent data	
	8VI	correctly use conditional formatting to highlight key data in a spreadsheet.	
	8VI	Interpret a paragraph of text to produce a table of data. I then used the table to produce a suitable graph.	
	8VI	design and created my own model and can write about how it works	
	8VI	Booking for a family event spreadsheet and keeping track of payments	
	8VI	embed and link graphs and charts within a model	
	8VI	Identify audience and purpose for presentation	
GREEN 5	8VI	able to use a program draw a graph from data given to me in a table..	
	8VI	add formulae to a spreadsheet.	
	8VI	Able to identify rules in a model and explain what they do.	
	8VI	enter numbers and text in cells in a spreadsheet model and use formatting features to improve the way it looked	
	8VI	learn lesson keywords and spellings	
YELLOW 4	8VI	make a mindmap of the big picture for each lesson	
	8VI	Submit a spreadsheet pixel art work in google classrooms	
	8VI	Able to draw graphs and charts from given data	
	8VI	Accurate spelling of lesson keywords.	



# Year 8 Assessment Criteria



## Computing 4 of 5 – Web programming

**Computing:** Undertake creative projects that involve selecting, using, and combining multiple applications, preferably across a range of devices, to achieve challenging goals, including collecting and analysing data and meeting the needs of known users; Create, reuse, revise and repurpose digital artefacts for a given audience, with attention to trustworthiness, design and usability; Understand a range of ways to use technology safely, respectfully, responsibly and securely, including protecting their online identity and privacy

**Literacy:** Learning new vocabulary, relating it explicitly to known vocabulary and understanding it with the help of context; Writing for a wide range of purposes and audiences, including notes.

**Numeracy:** learning RGB colours, font sizes and images pixel sizes

Theme World Tour

Source: Eduschemes

PURPLE 7	8WP	independently research two other HTML tags such as <img> and <href>, and included them in my website	
	8WP	All webpage elements including embedded code and linked objects display correctly and are all styled consistently	
	8WP	Self-assessment and evaluation for infographic and building the spreadsheet	
	8WP	Self-assessment and evaluation for infographic and building the spreadsheet	
	8WP	Self-assessment and evaluation for infographic and building the spreadsheet.	
	8WP	Use the number line as a model for ordering of the real numbers	
	8WP	Self-assessment and evaluation for infographic and building the spreadsheet	
	8WP	Paying attention to accurate grammar, punctuation and spelling	
BLUE 6	8WP	Using HTML, include embedded and link elements on a webpage (such as a Voki and a timeline).	
	8WP	able to take the code from another pupil and correctly add it to my webpage.	
	8WP	zip my webpage, post it to a blog, download and open another pupil's webpage from a blog, and provide detailed feedback.	
	8WP	able to correctly use inline styles to professionally style different webpage elements such as paragraphs and headings.	
	8WP	My inline styles uses multiple style statements such as font- size and color.	
	8WP	Spelling mostly accurate. Units used correctly.	
	8WP	Plan, draft, edit and proofread leaflet, presentation	
	8WP	Identify audience and purpose for presentation	
GREEN 5	8WP	provide feedback to another pupil for them to improve their work.	
	8WP	able to debug multiple errors on webpages.	
	8WP	use a design to write HTML code to make a webpage with multiple elements	
	8WP	use inline styles to style different webpage elements such as paragraphs and headings.	
	8WP	learn lesson keywords and spellings	
YELLOW 4	8WP	make a mindmap of the big picture showing what is meant by HTML and inline styles	
	8WP	Design and submit a webpagework in google classrooms	
	8WP	Able to use HTML to make a simple webpage	
	8WP	Accurate spelling of lesson keywords.	



# Year 8 Assessment Criteria



## Computing 5 of 5 – Networks & Web

**Computing:** Design, use and evaluate computational abstractions that model the state and behaviour of real-world problems and physical systems; Understand the hardware and software components that make up computer systems, and how they communicate with one another and with other systems; Undertake creative projects that involve selecting, using, and combining multiple applications, preferably across a range of devices, to achieve challenging goals, including collecting and analysing data and meeting the needs of known users; Create, reuse, revise and repurpose digital artefacts for a given audience, with attention to trustworthiness, design and usability

**Literacy:** Learning new vocabulary, relating it explicitly to known vocabulary and understanding it with the help of context and dictionaries; Making inferences and referring to evidence in the text; Writing for a wide range of purposes and audiences, including notes; Summarising and organising material, and supporting ideas and arguments with any necessary factual detail

**Numeracy :** Extend and formalise their knowledge of ratio and proportion in working with measures; Develop their use of formal mathematical knowledge to interpret and solve problems, including in financial mathematics; Use standard units of mass, length, time, money and other measures, including with decimal quantities; Use scale factors, scale diagrams and maps

Theme World Tour		Source: Eduschemes	
PURPLE 7	8NW	use a visual programming application to efficiently create an advanced animation to explain how a device connects to the internet..	
	8NW	use a presentation package to create an advanced animation to explain how a device connects to the internet.	
	8NW	describe the difference between sort and filter and am able to efficiently use both to find information.	
	8NW	Cost up the cabling of a hard-wired network;	
	8NW	An infographics about routers and hubs or building a network for festival finale.	
	8NW	Producing a network diagram for your home network and research into sensors.	
	8NW	produce an advanced animation that shows how a PC connects to the Internet.	
BLUE 6	8NW	Paying attention to accurate grammar, punctuation and spelling	
	8NW	use a presentation package to create an advanced animation to explain how a device connects to the internet.	
	8NW	describe the difference between sort and filter and am able to efficiently use both to find information.	
	8NW	survey part of an actual network, produced a spreadsheet to workout the costs, and used the findings of others to add to my costs.	
	8NW	work-out the costs of a wireless network	
	8NW	work-out the costs of a larger wireless network and produce a network diagram	
	8NW	work-out the costs of a larger wireless network and produce a network diagram	
GREEN 5	8NW	use sort and filter to find hardware components;	
	8NW	research, configure then communicate a PC specification	
	8NW	accurately use sort and filter to find data and can explain the difference between sort and filter	
	8NW	add formulae to a spreadsheet to workout the costs of a network	
	8NW	produce a network diagram.	
YELLOW 4	8NW	explain some of the stages involved when a device connects to the Internet	
	8NW	learn lesson keywords and spellings	
	8NW	make a mindmap of the big picture for each lesson	
	8NW	submit spreadsheet with added formulae in google classrooms	
YELLOW 4	8NW	Able to sort and filter to find some data.	
	8NW	Accurate spelling of lesson keywords.	

