Computing Curriculum Overview - Year 10 (Occupational Studies in the Workplace)

COAL CLOUGH ACADEMY

		Term 1 Planning a Multipage Website	Term 2 Creating a Multipage Website	Term 3 Using Email
Learning outcomes/ composite knowledge		Know how to investigate the purpose and features of websites and plan a website to a specific brief.	Know how to create, test and review a multipage website against a client brief.	Know how to use email software tools to send messages and manage incoming email effectively
Knowledge Components	**Declarative – knowing what**	I know how to research a range of websites within the public domain and list their purpose I know how to describe the technologies used to access web pages I know how to explore the component features used in websites and their purpose I know how to identify a client's requirements and the target audience I know how to create a work plan to produce an original website I know how to create a website site map I know how to create a detailed webpage layout plan I know the copyright implications of any assets used in my website	I know how to can create a multipage website using professional web design software I know how to save a website & its asset files using naming conventions I know how to correct identified faults and improve the website I know how to review the finished website and obtain client feedback I know how to describe the quality of the finished website I know how to describe the fitness for purpose of the finished product I know how to identify parameters and constraints that influenced the decisions I made I know how to make written records of my assets	I know how to use software tools to compose and format email messages, including attachments I know how to determine the email message sizes and how they can be reduced I know how to send email messages to individuals and groups I know how to stay safe and respect others when using email I know how to use an address book to organise contact information I know how to follow guidelines and procedures for using email I know how to respond to email messages appropriately I know how to use email software tools and techniques to automate responses I know how to archive email messages, including attachments I know how to organise, store and archive email messages effectively I know how to respond appropriately to email problems
	Procedural – knowing how and when	I can research a range of websites within the public domain and list their purpose I can describe the technologies used to access web pages I can explore the component features used in websites and their purpose I can identify a client's requirements and the target audience I can create a work plan to produce an original website	I can create a multipage website using professional web design software I can save a website & its asset files using naming conventions I can correct identified faults and improve the website I can review the finished website and obtain client feedback I can describe the quality of the finished website	I can select and use software tools to compose and format email messages, including attachments I can determine the email message size and how it can be reduced I can send email messages to individuals and groups I can to stay safe and respect others when using email I can use an address book to organise contact information I can follow guidelines and procedures for using email I can read and respond to email messages appropriately

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		I can create a website site map I can create a detailed webpage layout plan I can explain the copyright implications of any assets used in my website	I can describe the fitness for purpose of the finished website I can identify parameters and constraints that influenced the decisions I made I know how to make written records of my assets	I can use email software tools and techniques to automate responses I can describe how to archive email messages, including attachments I can Organise, store and archive email messages effectively I can respond appropriately to email problems
National Curriculum reference		Develop learners capability, creativity and knowledge in computer science, digital media and information technology.	Develop learner's capability, creativity and knowledge in computer science, digital media and information technology.	Develop learners capability, creativity and knowledge in computer science, digital media and information technology.
Common misconceptions		Pupil confidence in their knowledge of websites as digital natives but gaps remain in their knowledge. Planning is not needed as websites can be simply created on software	Websites are easy to create Websites do not need a lot of information Pupils overconfidence that their basic website is of a high standard	Email is too formal, Email Subject line is not important The more images in your email, the better.
Exemplar composite Task(s)		Starter: Keywords starter challenge Teacher led discussion: Introduction to the unit and Teacher led discussion on the assignment challenge Teacher led discussion: Types of websites available and their purposes Challenge 1: Types of websites Challenge 2: Research the purpose of a range of websites within the public domain using the Internet Teacher led Q & A: Asses knowledge through questioning (differentiated) Challenge 3: List the purposes of a range of websites within the public domain on the worksheet	Starter: Label the parts of a webpage Teacher led discussion: key vocabulary introduced, assignment scenario and tasks Teacher led practical demonstration: on creating a folder structure in Google sites (I do). Q & A: Asses knowledge and skills through questioning (differentiated) Coursework challenge: Create a folder structure for the assignment website (You do) Plenary: Discussion on the purpose of creating a folder structure D **Deepening knowledge** Write like a specialist: Reflect on what you have learned in this module of work.	Introduction to the unit Starter: Label the tools & parts of an email software Teacher led discussion of keywords - Email, Compose, attachment, format Teacher led demonstration: signing into email and composing an email (I do) Teacher led Q&A to assess pupil's knowledge and understanding Challenge 1: Compose an email as set out in the practice scenario sheet (you do) Teacher led demonstration: Formatting email messages and adding an attachment (I do) Teacher led Q&A to assess pupil's knowledge and understanding Challenge 2: Format the email and add an attachment (you do) Coursework independent challenge & evidence Challenge 1: 1.1 - Compose an email message and add an

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	Plenary: Name 5 types of websites Rewards: 6 R's **Deepening knowledge** Create a PowerPoint and explain what an Intranet is and its purpose		attachment **(you do)** Challenge 2: 1.1 - Take a screen capture and explain how you composed and added an attachment **(you do)** Plenary: True or false **Deepening knowledge** Research how a company can set up an internal mail system