

ICT – Year 9 – API Medium Term Plan/SOW

The Academy of St Francis of Assisi

Title : Website Development/Adobe Fireworks Skills

Number of lessons in sequence

11 (including revision, assessment & improvements)

UNIT 1

Overarching Curricular Goals (Aims) (What do you intend students know about and be able to do by the end of the topic, or scheme of learning. Critical knowledge needed to inform later learning and wider contexts.)

By the end of this unit students will:
This is a unit of work that covers curriculum recovery due to lockdown. When the pupils were in Year 8, they should have covered Web Development in the Summer Term. This unit of work amalgamates Web Development skills with Adobe Fireworks skills. Pupils will be able to use two pieces of software by the end of this unit; Serif Web Plus & Adobe Fireworks. They will understand the key components of what makes a good website, be able to make their own buttons for a navigation bar and be able to populate a website with content suitable for the given purpose and target audience.

Links to National Curriculum

Links to & building upon prior learning Including KS2 if Yr7

- 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
- **KS2 Link:** 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

Outcomes/ Success Criteria

- Knowledge Learners will:
- Be able to identify the purpose and target audience of a website using key terminology in their descriptions
 - Be able to describe and justify accessibility features that can be used for users with additional needs
 - Be able to analyse different types of website and be able to articulate who they are aimed at, why they have been created and be able to identify good and bad features that would keep/deter user attention
 - Be able to confidently use two pieces of new software and justify what they are used for and why they are used in the creation of different products
- Skills: Learners will:
- Be able to use Adobe Fireworks to create navigation buttons for their website
 - Be able to use Serif Web Plus to create their own website based on a given scenario
 - Be able to create and edit a navigation bar that users can use to move around a website

2/3 tier vocabulary.

Differentiation/Scaffolding/Support.

Stretch and challenge opportunities in class, enrichment and home learning.

Opportunities for wider reading/Listening/watching.

See Knowledge Organiser

Oracy:

Also Add hyperlink to KO

Knowledge Support: Using the knowledge organiser to enable pupils to be able to understand and be able to apply the key terminology used within web development. This is a new scheme of work which hasn't been covered in previous years so it will be the first time they see some of the key terminology as it doesn't normally get referenced in other subjects across the curriculum.

Key Concept Support – key concepts will be reinforced every lesson through demonstration if appropriate or questioning.

Reading support: Encouraging pupils to become confident researching information about Liverpool for the content of their website. They will be encouraged to read information and put it into their own words instead of copying and pasting information from an existing tourist website.

Skills support: This unit of work will include a lot of teacher demonstrations at various points of the lessons making use of Impero so pupils have easy access to the demonstration. For lower ability classes, these demonstrations will be broken down into more manageable skills, taking the 'I do, you do' approach. For higher ability classes, a longer demonstration with pupils taking notes along the way will be implemented to then allow pupils to work independently on the tasks.

Pupils will be made aware of the different features they could add to their website to make it more advanced such as using hotspots, scrolling text, photo gallery etc. These skills won't be demonstrated within the lessons but pupils will be signposted as to where they are in the software they are using so they can try and work out how they would add them to their website.

Scholarship:

- **Designing a website for the correct audience and purpose** - <https://www.bbc.co.uk/bitesize/guides/zsnmk2p/revision/1>
- **Serif WebPlus Designing Guide** <https://www.thesitewizard.com/gettingstarted/serif-webplus-x2-tutorial-1.shtml>
- **Web Development Podcast for Beginners** <https://gist.github.com/adamayd/30517696fa44a07a8195352118c433f2>

- **Designing a website for the correct audience and purpose** - <https://www.bbc.co.uk/bitesize/guides/zsnmk2p/revision/1>
- **Serif WebPlus Designing Guide** <https://www.thesitewizard.com/gettingstarted/serif-webplus-x2-tutorial-1.shtml>
- **Web Development Podcast for Beginners** <https://gist.github.com/adamayd/30517696fa44a07a8195352118c433f2>
- How to make a website more accessible for people with additional needs <https://mashable.com/2014/04/22/website-disability-friendly/?europa=true>

Stretch and Challenge – Pupils will be made aware of the different features they could add to their website to make it more advanced such as using hotspots, scrolling text, photo gallery etc. These skills won't be demonstrated within the lessons but pupils will be signposted as to where they are in the software they are using so they can try and work out how they would add them to their website.

Unit Title	Sequence of learning Lesson title, theme, big question.	Key concepts/outcomes/knowledge and skills. (Target Audience, Purpose, Fireworks, Colour Scheme, Design Principles,)	Assessment/ including specific content/ knowledge/skills tested. Green=assess/Blue=improve	HWK. Add Hyperlink To be in books clearly marked	Furthering Cultural Capital. & Opportunities for reading	Recall of prior or future topics –	Lesson resources including or hyperlink to supporting websites/resources/books/texts & individual lessons. 5xT+L essentials to be included in individual lessons,
1	Introduction to Web Development	<p>Key Concepts/Knowledge/Skills</p> <ul style="list-style-type: none"> - Pupils will learn the keywords that they will be using throughout this unit of work. - Pupils will learn what a navigation bar looks like and how it can be presented in different ways on different website depending on the website's target audience. <p>Outcomes</p> <ul style="list-style-type: none"> - Pupils will be able to identify the differences and similarities between a navigation bar and buttons - Pupils will be able to justify why they think companies use different navigation bars - Pupils will be able to explain why consistency is vital on a website to hold user attention 		Learn keywords from knowledge organiser ready for a progress check at the start of next lesson			<p>Teacher PowerPoint</p> <p>Student Resource</p>
2	Making Buttons using Adobe Fireworks	<p>Key Concepts/Knowledge/Skills</p> <ul style="list-style-type: none"> - Pupils will be able to recall the keywords from the last lesson, being able to use them in context of an example website - Pupils will be able to use Adobe Fireworks to create 5 buttons that will be used on their website - Pupils will be able to edit their buttons to match the colour scheme that they will be using on their website 	<p>Knowledge quiz based on keywords and definitions of key terminology pupils will need to know for the unit of work.</p> <p>Pupils will improve their work based on feedback and close any gaps in their knowledge.</p>				<p>Teacher PowerPoint</p> <p>Student Resource</p>

		<ul style="list-style-type: none"> - Pupils will learn the different states that a button can have depending on the cursor/user engagements (Down and Hover State) <p>Outcomes</p> <ul style="list-style-type: none"> - Pupils will have 5 buttons that look similar that are ready to be placed on their website - Pupils will be able to justify, using keywords why it is important for the buttons to be a similar colour, size etc - Pupils will be able to edit their buttons so they have different effects for different states 					
3 & 4	Website Analysis	<p>Key Concepts/Knowledge/Skills</p> <ul style="list-style-type: none"> - Pupils will learn how to analyse each type of website by using key words to identify different parts of the website - Pupils will learn the different purposes as to why a website is created e.g, to promote, to sell, to inform - Pupils will learn how to identify improvements that can be made to websites, specifically focussing on how they can be made more accessible to those with additional needs. <p>Outcomes</p> <ul style="list-style-type: none"> - Pupils to be able to analyse different types of websites for different target audiences and be able to identify who they are aimed at and what purpose they have been created - Pupils will be able to identify and justify ways to improve the website and be able to link it to any additional needs people may have that would require these improvements/changes to be made 	<p>Self-Assessment –pupils will self-assess their work on teams. Pupils will improve their work based on answers given in class.</p>	Complete website analysis and hand in on Teams.		Pupils will be aware of the language used for the analysis from the Year 8 Multimedia unit of work	<p>Teacher PowerPoint</p> <p>Student Resource</p>
5&6	Logo and Banner	<p>Key Concepts/Knowledge/Skills</p> <ul style="list-style-type: none"> - Pupils will learn the importance of a logo and banner and why we need to include them on our website - Pupils will learn how to create a simple but effective logo that represents the websites we are creating without making it too complicated, linking to user attention - Pupils will learn how hyperlinks can be used as part of the banner to navigate users back to the home page of their website <p>Outcomes</p> <ul style="list-style-type: none"> - Pupils will be able to adapt their knowledge of hyperlinks to link other parts of their website to pages they create - Pupils will design and create their own logo which they will use on their website - Pupils will use previous knowledge of PowerPoint to be able to assist them with making their logo 	<p>Progress Check – questioning based on keywords and pupils being able to justify their answers with reasons and examples</p>			Pupils knowledge of using software such as PowerPoint will be used to design and save their own logo as a picture which can then be inserted onto their website	<p>Teacher PowerPoint/Python Code</p> <p>Student Resource</p>
7 & 8	Production of website using Serif Web Plus	<p>Key Concepts/Knowledge/Skills</p> <ul style="list-style-type: none"> - Pupils will learn how to build a website using Serif Web Plus including adding and renaming the pages needed for the scenario given 		Revising key terms ready to add into assessment portfolio	Pupils are going to be creating a website for the Liverpool Tourist		<p>Teacher PowerPoint/Example Website</p> <p>Student Resource</p>

		<ul style="list-style-type: none"> - Pupils will learn how to edit their buttons within Serif Web Plus to match the theme of their website - Pupils will learn how to add their banner/logo into their website and place it on the page where it will attract user engagement - Pupils will learn how to change the background colour of their website <p>Outcomes</p> <ul style="list-style-type: none"> - Pupils will be able to create their own website and be able to justify why they have chosen certain elements e.g. colour, placement of buttons, placement of logo etc - Pupils will be able to justify why they have used certain fonts and link it to their target audience and purpose - Pupils will be able to populate pages using their research skills to input information about Liverpool that is suitable for their target audience. E.g. not too much text in one place, not using words that are too hard for younger people to understand etc 			<p>Board with information about Sports, Shops and Attractions Liverpool has to offer. They will be using the internet to research this information and putting it into their own words to try and persuade visitors to Liverpool.</p> <p>If pupils have any books or articles that they think will go on their website, they will be asked to use these when adding content to their website.</p>	
9 & 10	Assessment & Evidence gathering	<p>Key Concepts/Knowledge/Skills</p> <ul style="list-style-type: none"> - Pupils will evidence the different skills taught throughout the unit of work and consolidate them into one assessment portfolio. This will link with the website scenario. <p>Outcomes</p> <ul style="list-style-type: none"> - Pupils will be able to identify, define and evidence a navigation bar - Pupils will be able to identify, define and evidence the target audience and purpose of their website - Pupils will be able to justify why they have used particular images on their website and be able to link this to their target audience and purpose 	Final Assessment – pupils are going to use the website they created and evidence their knowledge of different features/keywords they have used throughout the units. This will be produced in a portfolio which will show how they have used features e.g. navigation bar and why they have used it how they have created it.			<p>Assessment</p> <p>Assessment Checklist</p>