KS3 ICT - Blogging using HTML

Student - ICT Dept @ LeAF

Welcome to the Student ICT Dept @ LeAF help pages

On these pages you will find guidance on how to create interesting and informative Pen.io pages.

We will look at some simple **tag** based skills and more complex **CSS** & **HTML** codes to bring your pages to life.
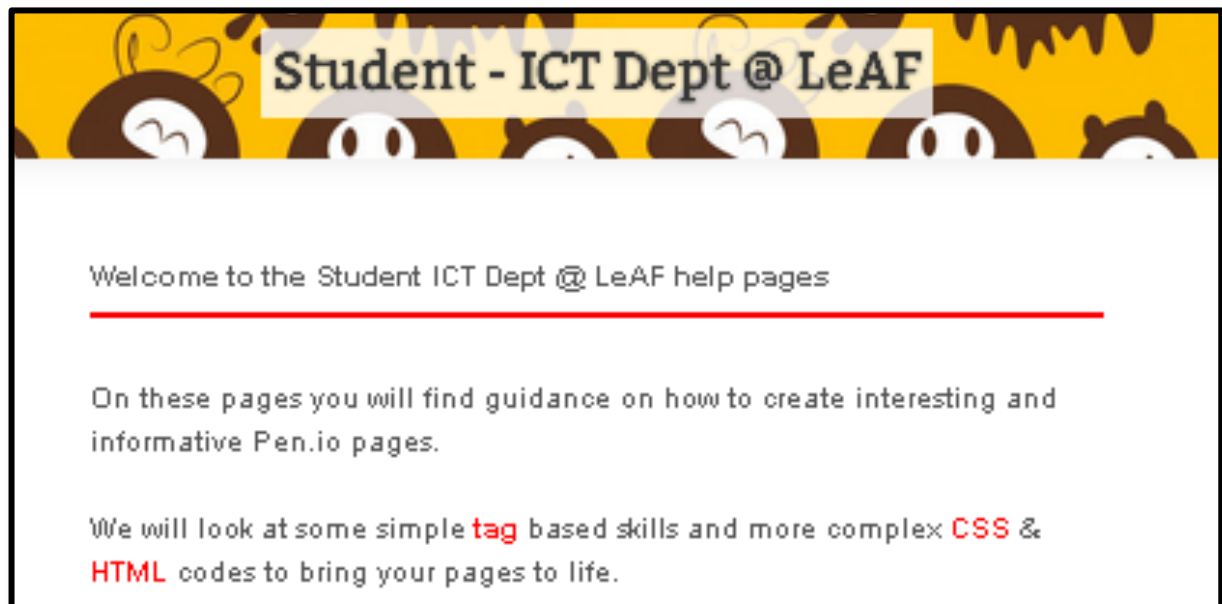
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Contents

Blogging using HTML in Pen.io

In the interest of pushing the ICT curriculum into the 21st Century, I have developed a SoW that aims to incorporate two facets of digital literacy and computer science; blogging & coding.

The unit of works asks students to produce a blog on a subject of their choice, they are required to research the topic and log all research in the correct manner. Logging and commenting on the validity of the information that is found is an essential area for assessment. This can be adapted so students need to comment at greater length on copyright issues.

Students present their blog using the free blogging site pen.io. This site is fairly unique, as students need an understanding of basic HTML and CSS in order to present work in an interesting manner. For instance, students will need a basic understanding on HTML in order to change the font size/type/colour/style. The site also tests students ability to organise work as they need to develop a navigation system for the their blogs.

The unit was originally taught in year 8 but the nature of the skills tested make the SoW scalable. Therefore, the more advanced use of HTML/CSS taught or used allows the unit to be taught to higher year groups.

This unit fits perfectly into the proposed draft programme of study for KS3 as it covers creative use of ICT and coding.

Blogging using HTML

Name

Class

If you're looking at the digital version of this document, click **HERE** to view all lesson objectives & key areas for of assessment for this project.

Or scan this QR code with your smart phone for the mobile site.

Overall ICT Level

ICT Target Level

Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Overall Level

Mark Scheme

Learning Stage	Grade	Description	Peer Assessment	Teacher Tick
Planning and Research	Level 4	Evidence of some planning		
		Key words are used in a search engine		
		Relevant information is found		
		Reasons offered on why information found is useful		
	Level 5	Plans show the main areas to be created		
		Reasons given why information found is accurate (e.g. Date of last page update considered; same information found at 2 or more sites))		
		Reasons given why information found is free of bias or is biased. (e.g. the site is a well-known source: BBC, History Channel)		
		Most suitable pages chosen from search engine (e.g. not simply the first link/result returned)		
Star - What worked:				
Wish - To improve…				

Learning Stage	Grade	Description	Peer Assessment	Teacher Tick
Blog - Coding	Level 5	Source shows ordered code but might have some inaccuracies		
		Use simple code to create pages & insert images		
		Code attempts to solve a problem		
	Level 6	Source shows correctly ordered code		
		Create precise & accurate sequence of code		
		Use complex code to create 'Headings' & 'Named links'		
Star - What worked:				
Wish - To improve…				

Learning Stage	Grade	Description	Peer	Teacher Tick

			Assessment	
Blog - Content	Level 4	Evidence of combining different types of information (e.g. text and pictures; text and chart)		
		A document has been created with its purpose in mind (e.g. it may be suitable size but images/text aren't appropriate)		
	Level 5	A variety of techniques have been used.		
		The blog is clearly fit for purpose. E.g. Uses multiple pages		
		The documents are suitable for younger or peer audience.		
		Text font style, size and colour are appropriate.		
		Images are appropriate and not distorted.		
Star - What worked:				
Wish - To improve…				

Learning Stage	Grade	Description	Peer Assessment	Teacher Tick
Feedback and Evaluation	Level 4	Some evaluation has been made		
	Level 5	Criteria used to assess work.		
		Improvements identified.		
		Work is subsequently changed.		
Star - What worked:				
Wish - To improve…				

Based on the assessment above, what do you need to do in order to secure/move your level?

Instant Blogging – 1. Planning and Research

Learning Objectives:
Students are learning to understand;

- how to gather information for a specific purpose and audience
- the reasons why information can be in/accurate
- the reasons why information can be un/biased
- how to find the most relevant source

Success Criteria:
Students will be successful if they;

- gather relevant and useful information to include in their blog.
- track the sources of information
- evidence that they have found the most relevant source
- comment on why the information gathered is in/accurate & un/biased

Independent Learning Skills:

- Planning
- Noticing
- Absorbing information
- Questioning
- Making links

Task:

1. Decide what on the topic for your blog (please use the list from the link below).
2. You must decide on the purpose of your blog.
    a. What will it be for? (educate, inform, entertain, illustrate, advertise)
    b. Who is the audience? (8-10, 11-13, 14-16, 16+)
    c. What information will you need? (Text, images, videos)
3. On an A4 Word document write down as much information about your blog as you can. Please be detailed.
4. Carry out some research, gathering the required information that you need to use to complete the blog. This research must be documented.

Help Sheet – Blogging with HTML

To reach the Level 5 criteria you will need to show that when you use gather information you chose the **most appropriate source and type**. Use this document to evidence that you have chosen the **most appropriate** website & comment on whether the information on the site is **biased or unbiased**

You may want to create a table that is similar to this to record you're the information that you have gathered. Please refer to Planning & Research document for the key success criteria for this task:

NB. The table below doesn't contain all the space required to meet the success criteria. It is a guide only.

Print Screen Here:	URL:
	Why chosen & why is this appropriate?
	Is this information 'biased' or 'unbiased'? Why?

Instant Blogging – 2. Creating blog

Learning Objectives:
Students are learning to understand;

- how to create an instant blog
- how to populate your blog
- how to manipulate content in your blog
- simple coding to create dynamic content

Success Criteria:
Students will be successful if they;

- use HTML & pen.io tagging to create a blog that incorporates the following;
    - i.   images
    - ii.   formatted text
    - iii. videos
    - iv.   pages
    - v.   links

Independent Learning Skills:

- Listening
- Questioning
- Managing distractions
- Using your imagination
- Empathy and listening
- Imitation

Task:

1. Create & activate your pen.io blog
    a. What will your blog be called?
    b. Do you need to secure your password?
    c. Should I save the URL & bookmark the site?
2. Using the link at the bottom of the page, begin to populate your blog.
3. Make sure that you test your blog.
    a. Do the pages look as intended?
    b. Are the images formatted correctly?
    c. Is the font consistent throughout?
    d. Have I used a variety of HTML & Tag code?
    e. Is it suitable for your specified target audience and purpose?

Instant Blogging – 3. Evaluation and Feedback

Learning Objectives:
Students are learning to understand;

- the importance of user testing
- how peer assessment is used to improve the blog
- act purposefully on feedback.

Success Criteria:
Students will be successful if they;

- complete the feedback and evaluation worksheets.
- use feedback to improve the blog

Independent Learning Skills:

- Listening
- Collaboration
- Listening
- Teamwork
- Questioning
- Perseverance

Task:

1. Download the feedback worksheet from the shared area.
2. Ask two users to fill the worksheet in and give you some useable feedback.
3. Make any changes you think you need.
4. Download the evaluation worksheet.
5. Fill it in with detailed answers.

Resources:

Evaluating

http://www.wikihow.com/Evaluate-Your-Schoolwork

Name: Click here to enter text.

Feedback

What do you like about the blog and why?

Test User 1	Test User 2
Click here to enter text.	Click here to enter text.

What would improve about the blog and why?

Test User 1	Test User 2
Click here to enter text.	Click here to enter text.

What do you like about the text/image/links and why?

Test User 1	Test User 2
Click here to enter text.	Click here to enter text.

What would you improve about the text/image/links and why?

Test User 1	Test User 2
Click here to enter text.	Click here to enter text.

Improvements

What improvements have you made to your text/images/links (code) and why?

Click here to enter text.

Why is it important to get feedback on your work?

Click here to enter text.

Make sure you save your document properly.

Self Evaluation

Names: Click here to enter text.

How well did you use search engines to gather information for your blog?

Click here to enter text.

What do you like about your blog?

Click here to enter text.

What don't you like about your blog?

Click here to enter text.

How would you improve your blog?

Click here to enter text.

What have you learnt?

Click here to enter text.

NB. Please comment on the use and manipulation of HTML & pen.io tagging

Instant Blogging Extension Tasks

Using ICT

1. Write a paragraph on your own experiences of using computers inside school.
2. Write a paragraph on your own experiences of using computers outside school.
3. Write a paragraph on how blogs are indexed on a search engine.

Blog

1. Create a blog as an online ICT Diary.
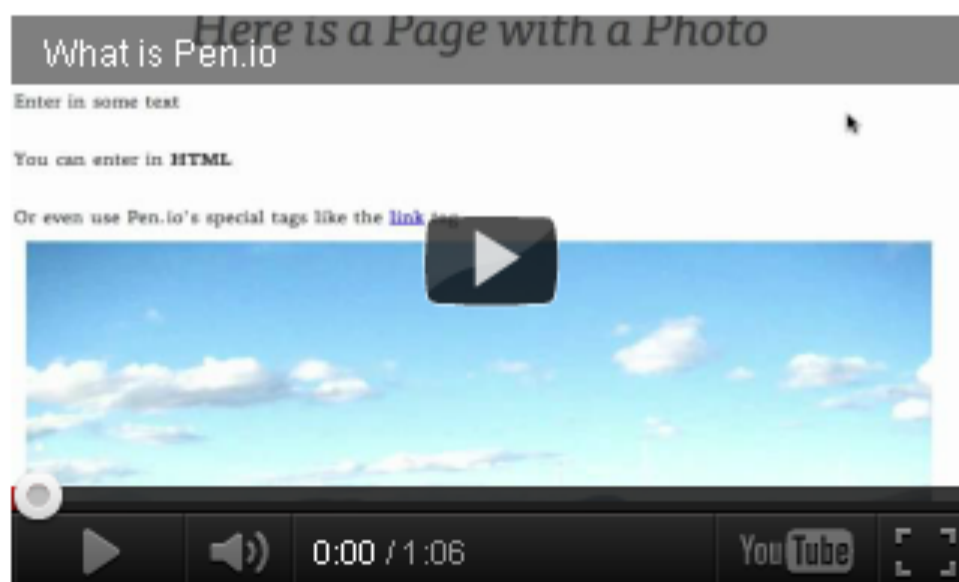2. Keep up-to-date notes of your learning.

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On these pages you will find guidance on how to create interesting and informative Pen.io pages.

We will look at some simple **tag** based skills and more complex **CSS** & **HTML** codes to bring your pages to life.

Have a look at the video below to see how **Pen.io works**

On the next series of pages you will find information on how you can format your page to make it more interesting.

You can either follow the numeric pages at the bottom of this page or follow the specific links below here;

Font
Headings
Images, Video & Links

Formatting your 'Fonts'

When using Pen.io, like with any other method of presenting work, you can alter the Font to make your work more interesting to read.

Below is a list of Pen.io tags & HTML codes for you to format your work;

To change the font type: font face="typeyourfonthere"
To change the font colour: font color="typeyourcolourhere"
To make your font bold, italic or underlined: b or i or u
NB. You must always use these symbols around your code < > & < / >

Home
Headings
Images, Video & Links

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Formatting your 'Headings"

Like when creating a document in a word processor or when writing in your exercise book, you must try and make your headings larger than your normal text.

Below is a list of Pen.io tags & HTML codes for you to format your work;

For the biggest heading - : h1
For the big heading - : h2
For the medium heading - : h3
For the smallest heading - : h4
NB. There must be no space between the :h for your code to work

Home
Headings
Images, Video & Links

Adding Images, Video & Links

Like with a DTP or word processing document you can add images to your pen.io document. However, you can also embed video into your page larger than your normal text.

Below is a list of Pen.io tags & HTML codes for you to format your work;

To create a link - : link Google then place the full URL
To add an image - : Select the image required and drag from My Documents into your page
To create a link to a video - : video then paste the full URL
To create a space for comments - : comments
To create a new page - : page
NB. There must be no space between the : & link/video/comments/page for your code to work

Home
Headings
Images, Video & Links