

KESTEVEN AND SLEAFORD HIGH SCHOOL



Computing Scheme of Learning

Year 7 – Topic 5 – HTML

Intent – Rationale

Topic Intent: The aim of this unit is to introduce students to website development using HTML & basic CSS by creating a website on a given topic: Endangered Animals

Curriculum Intent: Using technology creatively in a range of relevant contexts & Developing an understanding of some of the underlying principles of Computer Science

KS3 PoS: undertake creative projects that involve selecting, using, and combining multiple applications... & create, re-use, revise and re-purpose digital artefacts...

Sequencing – what prior learning does this topic build upon?	Sequencing – what subsequent learning does this topic feed into?
<ul style="list-style-type: none">• KS2 Computing (to varying degrees)	<ul style="list-style-type: none">• Year 8 Topic 2 (Business Website)• OCR GCE Computer Science (1.3.4 and AO3)• Further/Higher Education and Related Careers
What are the links with other subjects in the curriculum?	What are the links to SMSC, British Values and Careers?
<ul style="list-style-type: none">• N/A	<ul style="list-style-type: none">• GB4d and GB4i• SP2 & SP3
What are the opportunities for developing literacy skills and developing learner confidence and enjoyment in reading?	What are the opportunities for developing mathematical skills?
Directly linked to topic <ul style="list-style-type: none">○ https://www.w3schools.com/html/ Wider Reading/Interest: <ul style="list-style-type: none">○ https://a-z-animals.com/animals/endangered/	<ul style="list-style-type: none">• N/A

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Intent – Concepts

What knowledge will students gain and what skills will they develop as a consequence of this topic?

Know

- Understand the basic structure of HTML and how to use common HTML tags including P, IMG, A, UL/OL/LI and H tags
- Understand the principle and use of inline CSS styling to alter the layout and styling of webpages
- Understand how to select and prepare appropriate content for inclusion on a webpage

Apply

- Research and prepare information for a webpage on their chosen endangered species
- Develop a multi-page website using gathered resources, HTML and CSS

Extend

- Investigate and use more advanced CSS features such as page layout
- Create further webpages linked together to form a website

What subject specific language will be used and developed in this topic?

- *Webpage* An online document for displaying information
- *Website* A collection of hyperlinked webpages
- *Browser* A piece of software designed to display webpages
- *HTML* Hyper Text Markup Language
- *Hyperlink* a link to another webpage/document
- *Tag* keywords that define how a browser format and displays content

What opportunities are available for assessing the progress of students?

- In-Lesson observation & feedback
- Self, peer and teacher assessment of final website and Moodle onscreen assessment testing keyword knowledge

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Intent – Concepts

Lesson title	Learning challenge	Higher level challenge	Suggested activities and resources
1 Basic Structure of a Webpage			
2 Using Tables and Lists			
3 Using Images			
4 Using Hyperlinks			
5-6 Applying and extending			
7 Assessment and DIRT			Booklets & Moodle