Cycle 1 Homework

Subject:
Computer Science

PRIORY *Community* **SCHOOL** An Academy

Year 9

This cycle you are learning: How to plan make and evaluate a website, using HTML and creating Digital Graphics.

What you will learn	Week
How websites work & HTML	1
Planning the website	2
Making the website	3
Making the website	4
Evaluating the website	5
Creating Digital Graphics	6
Creating Digital Graphics & Revision	7
Assessment	8
Super Teaching Week	9

Expectations
- **Complete all homework tasks per cycle.**
- **Complete 1 week of revision based homework per cycle ready for week 8.**
- **Your homework will be marked online or in class (peer assessment).**
- **It must be completed by the due date or you will receive an automatic detention.**
- **Use your knowledge organiser to help with your homework as well as with your lessons.**

Rationale for home work this term:
- **To consolidate in class learning**
- **To secure your knowledge of key topics**
- **To practice skills related to your assessment**

Name _____

Teacher _____

Task 1: Week 1 Key Terms List

Due: Week 2   **Date:** _____

Success criteria: **Assessment method:**
Define all key terms correctly   Peer Marked

TASK:
In the table below, there are a list of some of the key terms that you will learn during this unit. Your challenge is to write a definition for each of the words into the definition box. You can research the definition of each word but make sure to write it out in your own words.

KEY TERM	DEFINITION (in your own words)	PEER
Web Browser		
HTML		
Hyperlink		
Navigation Bar		
Target Audience		
Layout		
Bitmap		
Compressed		
Vector/Raster		
Pixel		
Resolution		

Score out of 11: _____

WWW:_____

EBI:_____

Task 2: Week2 – HTML Mini Quiz

Due: Week 3   **Date: _____**

Success criteria:
- **To be able to answer the questions successfully.**

Assessment method:
- **Assessed online.**

Task: Go to Doddle and complete the online quiz.

Score:

Task 3: Week 3 – HTML Tags
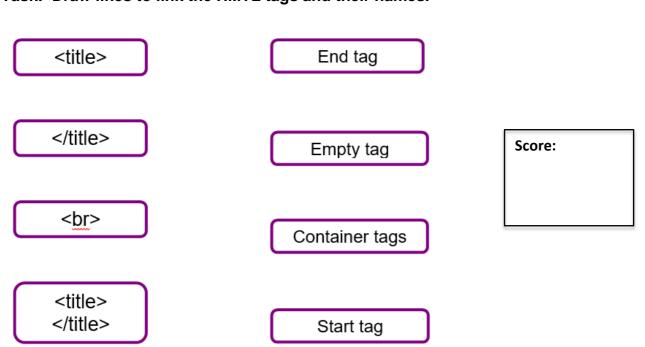
Due: Week 4   **Date: _____**

Success criteria:
- **To be able to label the tags successfully.**

Assessment method:
- **Assessed by peer**

Task: Draw lines to link the HMTL tags and their names.

<title>	End tag
</title>	Empty tag
 	Container tags
<title></title>	Start tag

Score:

Task 4: Week 4 – Understanding HTML

Due: Week 5   Date: _____

Success criteria:
- **To be able to explain what HTML will do.**

Assessment method:
- **Peer Assessed**

TASK: Complete the HTML code below:

Use the correct HTML tag to add a heading with the text "London".

```
|

<p>London is the capital city of England. It is the most populous city in the United Kingdom, with
a metropolitan area of over 13 million inhabitants.</p>
```

Add a horizontal rule between the heading and the paragraph.

```
<h1>London</h1>

<p>London is the capital city of England. It is the most populous city in the United Kingdom, with
a metropolitan area of over 13 million inhabitants.</p>
```

Add six headings to the document with the text "Hello".

Start with the most important heading (the largest) and end with the least important heading (the smallest).

```
<html>
<body>




<br>
</body>
</html>
```

Use the correct HTML tag to add a paragraph with the text "Hello World!".

```
<html>
<body>
|
</body>
</html>
```

https://www.w3schools.com/html/exercise.asp?filename=exercise_html_attributes1

Task 5: Week 5 – Website Attributes

Due: Week 6   **Date: _____**

Success criteria:
   • **To be able to successfully answer the questions.**

Assessment method:
   • **Peer assessment.**

Task: Circle optional or essential for each website attribute.

Background music	optional	essential
Accurate and up-to-date information	optional	essential
Quick download times	optional	essential
Clear and easy navigation	optional	essential
Many bright colours	optional	essential
Relevant information	optional	essential
Content that meets the needs of the audience	optional	essential
Clear display	optional	essential
Plenty of videos and animations	optional	essential
Hyperlinks that work	optional	essential

Score:

Task 6: Week 6 – Graphics True and False

Due: Week 7   **Date: _____**

Success criteria:
   • **To be able to answer the questions correctly.**

Assessment method:
   • **Peer assessment.**

Task: Circle true or false for each question:

Vector graphics are made of pixels.	True	False
When bitmap graphics are enlarged they can be low quality.	True	False
Vectors usually have quite a low file size.	True	False
Bitmaps are not commonly used.	True	False
Vectors can easily be used to create realistic images.	True	False
Digital photographs are usually saved as bitmaps.	True	False

Score:

Task 7: Week 7 – Revision Time

Due: Week 8Date: _____

Success criteria:
- **Using your knowledge organiser to help; create a mind map of all the topics we have covered in this unit.**

Assessment method:
- **Assessed through the end of unit assessment**