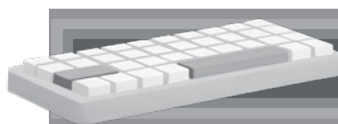


## BUILDING A WEBSITE



## Concept Mapping

1. Match the words in the middle with their meaning on the left and an analogy on the right. One is done for you.

Uses	Word	Analogy
Instructions written for computers	<b>BROWSER</b>	Signs on a map
Labels that tell browsers what to show	<b>HTML</b>	Translator or TV screen
The language used to build web pages	<b>CODE</b>	A giant spider web connecting cities
A program that displays websites	<b>WEBSITE</b>	recipe for cooking
A global network of connected computers	<b>TAGS</b>	Blueprint for a building
A collection of connected web pages	<b>INTERNET</b>	A book with many chapters

2. Match the HTML code to what it creates. One is done for you.

HTML Code	What It Does
<code>&lt;h1&gt;Welcome!&lt;/h1&gt;</code>	Shows a picture of a cat
<code>&lt;p&gt;This is my website.&lt;/p&gt;</code>	A big heading at the top
<code>&lt;img src='cat.jpg'&gt;</code>	A paragraph of text
<code>&lt;a href='about.html'&gt;About Me&lt;/a&gt;</code>	A link to another page

3. Read the codes below. Three out of four have bugs. Find the incorrect ones, explain what's wrong, and provide the correct versions.

Code	Bug or Not	What's wrong and how to fix it
<code>&lt;hl&gt;My First Webpage&lt;hl&gt;</code>		
<code>&lt;p&gt;This is a paragraph</code>		
<code>&lt;img src='dog.jpg'&gt;</code>		
<code>&lt;a href='page2.html'&gt;Click here</code>		

4. The following steps are mixed up. Number them in the correct order.

#### Steps

\_\_\_\_\_ The browser reads the HTML code

\_\_\_\_\_ The user types a website address

\_\_\_\_\_ The browser connects to the website's server

\_\_\_\_\_ The browser displays the website on the screen

Why does the order matter here?

If the browser doesn't connect to the server, it cannot read the HTML or display anything. Each step depends on the previous one.

5. Complete this HTML snippet for a web page about your favourite topic. Then predict what each part will look like when shown in a browser.

```
<html>
  <head>
    <title>My Topic</title>
  </head>
  <body>
    <h1>Space Exploration</h1>
    <p>_____</p>
    <img src='_____'>
    <a href='_____'>Click here</a>
  </body>
</html>
```

**Prediction:**

- What will the heading look like? Large text saying 'Space Exploration'
- What will the paragraph say?
- What image will appear?
- Where will the link take you?

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### Click or Code

1. Look at each task and decide if it will require typing (coding) or clicking (drag-and-drop or using buttons).

Task	Lots of Code / Lots of Clicking
Typing HTML in Notepad to build a website	
Using Google Sites to drag and drop images	
Writing CSS to change font colours	
Using the 'Themes' panel in Google Sites to change colours	

2. Match the task to the correct Google Sites tool. Then, solve the mystery task at the bottom.

What You Want to Do	Where to Click
Add a new picture	'Insert' → 'Images'
Change the font and background colour.	'Themes' panel
Add a new section with text and an image side-by-side	'Insert' → 'Layouts'
Edit the title of the page.	Click directly on the title text.

3. You want to add a button that links to your class blog. Where would you go?
- 'Themes'
  - 'Pages'
  - 'Insert' → 'Button'
  - 'Settings'

**Hint:** Think about what kind of element a button is. Will it be for content or design?



### Application-Based Questions

4. **You want your website to be simple to read, engaging for kids, and visually exciting. Which of these three design choices would help most?**
  - a. Use a dark background with neon text
  - b. Use large, clear fonts
  - c. Add lots of animations and pop-ups
  - d. Use bright but readable colours
  - e. Keep the layout simple and organised
5. **You are editing a class website template. What should you do when:**
  - a. The address on the homepage is wrong.
    - Delete the whole page and start over
    - Click the text box and type the correct address
    - Change the theme
    - Add a new page
  - b. You want to add your teacher's email. What's the best way?
    - Use 'Insert' → 'Text Box'
    - Use 'Insert' → 'Map'
    - Use 'Themes'
    - Use 'Settings'
  - c. You added a picture, but it's blurry and too big. What should you try first?
    - Resize it using the blue handles
    - Delete the whole site
    - Change the theme
    - Add a new page
6. **You're previewing your site and notice that:**
  - a. A YouTube video you embedded isn't showing. What could be the cause?
    - i. You forgot to publish the site
    - ii. The video is private or restricted
    - iii. You used the wrong font
    - iv. The theme is broken

- b. A link to your 'Projects' page says 'Page Not Found.' What's the most likely cause?
  - i. The page was renamed or deleted
  - ii. The font is too small
  - iii. The image is too big
  - iv. The theme is outdated
- 7. **You're building a Google Site for your class project on endangered animals. Write the steps you would follow in Google Sites to do the following.**
  - a. Add a homepage with a title and a short paragraph.
  - b. Add a picture of a tiger.
  - c. Add a button that links to a page called 'Take Action.'
  - d. Add a footer with your school's name.

**Hint:** Think about which panel (Insert, Pages, Themes) you would use for each step.



## BUILDING A WEBSITE



## HTML Structure

1. Every HTML document has a basic blueprint for the website. Fill in the missing tags to complete this simple HTML page blueprint using the word bank.

title - html - body - html

## HTML

```
<!DOCTYPE html>
<_____>
  <head>
    <_____>My First Web Project</title>
  </head>
  <_____>
    <h1>Welcome, Web Builders!</h1>
    <p>This is my awesome first web page.</p>
    <hr>
    <p>I hope you like it!</p>
  </body>
```

2. Write the HTML code to create a simple 'My Pet' web page that looks like this example:

*Imagine a simple drawing of a web page here with:*

- A big title: 'My Amazing Pet'
- A paragraph: 'My pet is a dog named Buddy.'
- A horizontal line
- Another paragraph: 'He loves to play fetch!'

**HTML**

```

<!DOCTYPE html>
<html>
  <head>
    <title>My Pet Buddy</title>
  </head>
  <body>
    <h1>_____</h1>
    <p>_____</p>
    <hr>
    <p>_____</p>
  </body>
</html>

```

**Google Sites Layout**

3. Match the important areas where you will find tools to build your site on Google Sites.

Features	Tools
Add a new picture	Pages Panel
Change the font and background colour.	Header/Title Area
Where you change the site's look and feel	Publish Button
Where you put your site's name and main title.	Insert Panel
That will make your website live	Themes Panel



4. You have learned that HTML tags create different parts of a website. Google Sites uses "blocks" and "tools" to do the same thing! Draw a line from the desired website content to the Google Sites "Insert" tool you would use.

What you want on your website	Google Sites Insert Tool
A big paragraph of text	Text Box
A cool picture	Images
A video from YouTube	Embed
A document from your Google Drive	From Drive
A special layout with picture and text side-by-side	Content Blocks

5. How do you create a new page in Google Sites?

6. In Google Sites, how do you create a link from one word to another page on your site?

- Select the word, click the "Insert Link" icon, then choose a page from your site.
- Drag the word to the new page in the Pages panel.
- Type the name of the page next to the word.

7. Your friend made a Google Site, but the link to their Pictures page isn't working. Find out what they missed.

**Steps:**

- Created a page called My Photos.
- Typed the words Click here for pictures on their home page.
- Clicked the Publish button.