



Student Name: _____

Class: _____

Due Date: _____

Introduction and Instructions

Welcome to the Introduction to HTML and CSS Basics homework sheet! This activity is designed for 11-14 year old students to learn the fundamental concepts of HTML and CSS. By the end of this assignment, you will understand the basic structure and syntax of HTML, including how to create a simple web page, format text, and add images.

Instructions:

1. Read each question and activity carefully.
2. Use a text editor or online code editor to write and edit your HTML and CSS code.
3. Complete each activity to the best of your ability.
4. Ask your teacher or parent/guardian for help if you need it.

HTML Basics

1. What is the basic structure of an HTML document? Draw a diagram to show the different parts.

2. Write a short paragraph explaining the purpose of the following HTML tags:

- `<h1>`
- `<p>`
- `<a>`
- ``

3. Create a simple HTML document with a heading, paragraph, and link. Use a text editor or online code editor to write your code.

1. What is CSS and how is it used in web development? Write a short paragraph explaining its purpose.

2. Write a short paragraph explaining the difference between the following CSS concepts:

- Selectors
- Properties
- Values

3. Apply basic CSS styles to your HTML document from Page 3. Change the text color, background color, and font size of your heading and paragraph.

Creating a Simple Web Page

1. Create a new HTML document with a title, heading, paragraph, link, and image.

2. Use CSS to style your web page. Change the layout, add margins, and padding to your elements.

3. Write a short paragraph explaining how you used HTML and CSS to create your web page.

Extension Activity - Responsive Design

1. Research and explain the concept of responsive web design.

2. Modify your CSS to include a media query that changes the layout of your page based on screen size.

3. Test your web page on different devices or screen sizes to see how it responds.

Extension Activity - Web Page Enhancement

1. Add interactive elements to your web page, such as buttons or a simple form.

2. Use CSS to style these elements and make them visually appealing.

3. Write a short paragraph explaining how you enhanced your web page.

Conclusion and Self-Assessment

1. Review your work and check for completeness, accuracy, and aesthetics.

2. Reflect on what you learned and what you would like to learn more about in the future.

3. Write a short paragraph explaining what you enjoyed most about this activity and what challenges you faced.

Additional Resources

For further learning and practice, visit the following websites:

- W3Schools: www.w3schools.com
- Mozilla Developer Network: developer.mozilla.org
- Codecademy: www.codecademy.com
- HTML Dog: www.htmldog.com