

Name: _____ Date: _____

Answer Key: Which Code Makes Your Web Robot Dance? 1st Grade Tech Quiz

Aspiring digital architects will analyze how hidden instructions change the digital worlds we see on our screens every day.

1. Imagine you see a red button on a website. If you want to change the text on the button to say 'FEED THE DOG,' which technology should you fix?

Answer: B) HTML (Structure)

HTML is the 'words' and 'bones' of the website. To change what a button says, you have to change the HTML code.

2. A website's colors and pretty pictures are controlled by _____, which is like picking an outfit for a doll.

Answer: C) CSS

CSS stands for Cascading Style Sheets, and it is responsible for the design, colors, and 'look' of the page.

3. True or False: JavaScript is the part of the code that tells a website to make a 'BEEP' sound when you click a button.

Answer: A) True

JavaScript is for action! It handles behaviors like sounds, movements, and math.

4. If a website was a house, which part would be the 'JavaScript'?

Answer: C) The doorbell that rings

JavaScript is the interactivity. A doorbell is an interactive part of a house, just like a script is for a website.

5. Look at these three! Who is the boss of making a link move across the screen like a flying bird?

Answer: B) JavaScript

Moving things and complex animations are usually handled by JavaScript to create action.

6. True or False: Using only HTML would make a website that looks like a plain black-and-white list with no colors.

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Answer: A) True

HTML only provides the structure. Without CSS, there are no colors or fancy layouts.

7. You want to build a digital zoo. You use HTML to add a Lion and a Tiger. What happens if you forget to use CSS?

Answer: C) The animals might be huge and messy on the page

CSS organizes where things go and how big they are. Without it, the HTML elements just stack up in a messy way.

8. To change a square picture into a round circle, a coder would use ____.

Answer: C) CSS

CSS controls the shape and border-radius of the elements on a screen.

9. True or False: A website needs all three (HTML, CSS, and JS) working together to be a modern, fun app.

Answer: A) True

While you can have just HTML, modern apps need all three to look good and work well.

10. Which of these is like the 'skeleton' or 'bones' of a webpage?

Answer: A) HTML

HTML provides the base structure that everything else is built on, just like your skeleton.