



Web Coding for Kids and Teenagers

by PageCarton

Program Guide



About

- The goal of Web Coding for Kids isn't simply to provide a fun week, but also to give students meaningful skills and knowledge that they can take with them when the program ends. We aim to equip kids with a foundation in programming, and to instill a passion for creative problem solving and a commitment to service.
- Whether a kid will find programming easy or interesting depends on who takes them the first coding lesson. Every child would appreciate to see that every single click is a step towards a creativity. Our curriculum won't allow for dulling moments, the students would be eager to finish the learning and do more

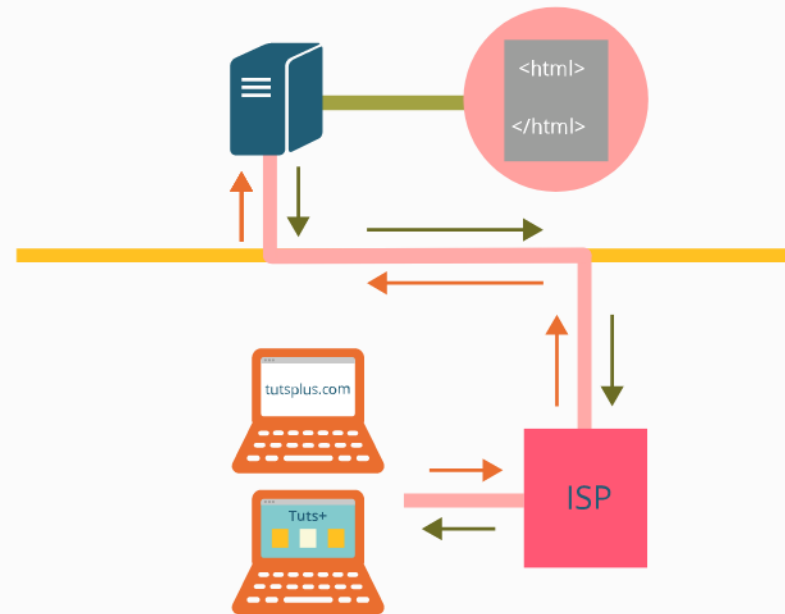


Class Requirements

- All student should be between the age groups of 5 and 19
- Each student should have access to an internet-enabled device like computer, laptop, tablet, etc.
- Student should have basic experience using the device that they would use for the training. Such experience could be the ability to play games or surf the web.
- Student must be able to read and write
- The classroom should have uninterrupted power supply with extension cables.
- Projectors should be available for seamless training

Outlines

How Does the Web Work?



- When two computers are connected to the Internet (which is shown as a yellow line in the picture below) they can talk to each other.
- A server (the blue box) is a special computer that contains web page files. Your computer at home or school is not a server, because it is not connected directly to the Internet. We connect to the Internet through an Internet Service Provider (ISP).
- A site's content (all that stuff a website talks about) is organized within a special set of rules that computers understand; sort of like speaking in a secret, coded language, except we will soon be in on this little secret as well!
- Source : <https://webdesign.tutspus.com/tutorials/web-design-for-kids-welcome-to-tuts-town--cms-23680>



Creating a website

Tools available to create website

- Coding HTML files
- Content Management Systems
 - PageCarton
 - WordPress
 - Wix

Creating a website using PageCarton.com

- Creating an account
- Creating the first site
- Previewing the first site
- Tour of the Website Admin Area
- Logging in and out of the account



Project

Personal Website

- In this series we will be creating a website for an individual. The person needs a place where people around the world can get handy information about the him/her before they call or visit.

E-commerce Website

- In this series we will be creating a website for an business. The business needs a place where people around the world can get handy information about the products and services. They will also be able to make order.



Sketching and Building

First, we will draw up our site and then include what we want to have on the page in a special file. We will also add links here for the visitors to be taken to other places, such as the shop websites.

Source: <https://webdesign.tutsplus.com/tutorials/web-design-for-kids-welcome-to-tuts-town--cms-23680>

Web Coding for Young Minds - <http://www.comeriver.com/summer-kids>



Other items

- Authoring
 - Posts
 - Pages
 - Forms
 - Slideshows
 - Navigation
 - Logo
 - Favicon
- Site Administration
 - Themes
 - Back up, Export and Restore
 - Sharing my sites
- Technical (Coding, Hosting, Server Administration)
 - Authoring with Code View

Our Facilitators

Meet some of our facilitators



Meet our Facilitators

Our facilitators are trained children educators and they know the right way to enhance learning.

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