

Website Development Using WordPress



Grade level: Grade 3 to Grade 7

Instructor: Mosaddiq Billah

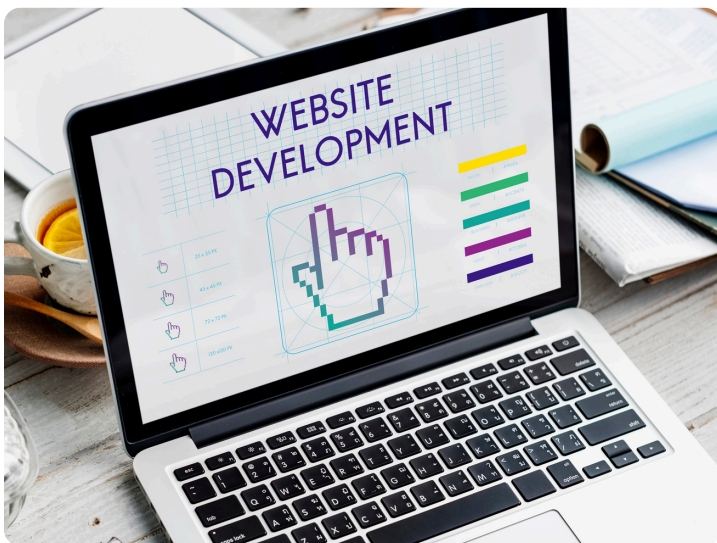


Learning Objectives

- *Introduce kids to website development via WordPress in a fun and engaging way*
- *Teach basic design, logic, and problem-solving skills*
- *Enable students to create their own websites*

Materials

The materials or tools needed to conduct the lessons and activities.



- ☐ Laptop or PC with Internet Access
- ☐ Browsers to be installed i.e. Chrome



Introduction

A brief summary goes here

Have you ever wondered how websites are made?

- Around 835 million of websites use WordPress, that is 43% of all websites on the internet. This course introduces students to website development using WordPress, a beginner-friendly framework.
- Through hands-on activities, students will build and design their own websites while developing problem-solving and creativity skills.



Activities

A brief summary goes here



Mosaddiq Billah is a Graduate of UET Pehsawar from Department of Computer Systems Engineer. With 3 year of professional experience, Mosaddiq has worked on exciting projects, by developing websites for many organizations in WordPress.



Week	Topics
Week 01	Introduction to Websites and <i>WordPress</i> Objectives: • What is <u>website</u> and <u>WordPress</u>? • Introduction to <i>WordPress</i> and why is it popular. • Installation of <u>WordPress</u> and <u>XAMPP</u> (for local development). Activities: • Show examples of websites made with WordPress. • Setting up a local environment using XAMPP. • Exploring the WordPress Dashboard.
Week 02	Understanding WordPress Basics Objectives: • Understanding <u>Themes</u> and dashboard of WordPress • Introduction to <u>Plugins</u> and <u>Elementor</u> Installation. • Creating <u>Pages</u> and <u>Posts</u>. Activities: • Install and customize a theme • Create a basic page using Elementor • Add text, images, and videos to web pages.
Week 03	Website Design and Layout Objectives: • Understand the concept of website <u>responsiveness</u>. • Learn how to create a full landing page using Elementor. • Add and style buttons, menus, and widgets. Activities: • Create a homepage with sections (Header, About Us, Contact, etc.).

- Adjust website layout to be mobile-friendly.
- Customize fonts, colors, and backgrounds.

Week 04

Enhancing the websites with Plugins

Objectives:

- Understand what *plugins* are and how they enhance a website.
- Install and use essential plugins (contact forms, galleries, security, etc.).
- Add interactive elements like *sliders* and *animations*.

Activities:

- Install and configure a contact form plugin.
- Add a gallery or slideshow to a page.
- Experiment with simple animations using plugins.

Week 05

Final Project - Build Your Own Dream App!

Objectives:

- Combine everything learned into a final project

Activities:

- Presentation of each student's app to the class



Conclusion and assessment

Assessment:

- Quizzes and interactive activities to test students' understanding.
- Hands-on projects and coding exercises.
- Encouraging students to explain their apps and logic behind them.

Conclusion:

- Summarize key points from each lesson.
- Encourage students to share what they learned and enjoyed.
- Conduct a quiz or an exit ticket activity.
- Provide feedback and guidance for future learning.