



Young Crafts Academy

Web Development for Kids

Build and Publish a Real Website

A Parent's Guide to the Course · Grade 6–10 · 45 Days · 45 Live Classes

Note for the Young Crafts Academy team: this guide uses only confirmed course content from the current curriculum. It does not include an instructor bio, since no currently published instructor profile lists Web Development as a subject; please assign and confirm before this is published. It also does not include the next batch start date or the fee. One existing, tagged parent testimonial is included below; no additional quotes were invented. Please also confirm the course duration: this curriculum is structured as 45 days at one class per day, which differs from the "14 weeks" figure currently shown on the homepage course card.

Course Overview

Every website your child visits, from school portals to their favourite games, is built from the same three building blocks: HTML, CSS, and JavaScript. This course teaches all three in the order real web developers use them: structure first, then style, then interactivity. Over 45 live classes, your child builds seven real projects, ending with a personal portfolio website that's genuinely published on the internet, with a real link they can share.

Who This Course Is For

- Children in Grade 6 to 10
- Ready to build real, working websites, not just worksheets
- No prior coding experience strictly required
- Kids who want something they can show off with a real, shareable link

Prerequisites

None are strictly required. The course starts from the very first HTML tag on day one, so a complete beginner can follow along. Prior exposure to Scratch or Python helps, and children coming from those courses tend to move through the JavaScript modules faster, but it isn't necessary to start.

Learning Methodology

- Live, instructor-led classes, never pre-recorded videos
- Small batches of a maximum of 8 students, so every child gets attention
- Learn by building: seven real projects, culminating in a live, published website
- Coded in real tools: HTML, CSS, and JavaScript, using VS Code, CodePen, or repl.it
- Available live online or in person in Kathmandu

Skills This Course Builds

Underneath every project your child builds, the course is deliberately developing six core skills:

Skill	What It Looks Like in Practice
Structural Thinking	Organizing content logically using HTML.

Skill	What It Looks Like in Practice
Visual Design	Styling layouts, colors, and spacing using CSS.
Responsive Design	Building pages that adapt to any screen size.
Logical Thinking	Using JavaScript to control behavior and interactivity.
Debugging	Reading errors and systematically fixing what's wrong.
Creativity	Designing and building an original personal website.

"My daughter's website is actually live on the internet. Her friends could not believe she made it herself. YCA gave her real confidence."
Anjali Sharma, parent, Kathmandu

How the Course Works

The course runs in two phases across 45 days of live classes (45 classes, one class a day, 60 minutes each), following the same order real web developers use: structure, then style, then interactivity. Phase 1 covers HTML and CSS, building and styling static pages. Phase 2 adds JavaScript and brings pages to life, ending with a personal website published live on the internet.

Phase 1: Structure and Style (Modules 1-3, Days 1-27)

Module 1: Web Fundamentals and HTML (Days 1-12)

Your child learns HTML, the skeleton of every webpage: headings, text, lists, links, images, tables, and forms. By the end of the module they've structured and published their first real project, a Personal Bio Page.

Learning objectives:

- Understand how a browser reads and displays an HTML page
- Structure a page using headings, text, lists, links, and images
- Build a simple table and a form

Concepts covered: HTML document structure, text elements and headings, lists, links and images, tables, form basics, semantic HTML, div and span, classes and IDs.

Homework example: A favourite-things list page, a fan page with links and images, and a simple sign-up form design.

Skills developed: Structural thinking, sequencing, attention to detail

Real-world application: Every webpage your child has ever visited, from Wikipedia to YouTube, starts with exactly this: an HTML skeleton giving it structure.

Duration: 12 classes (Days 1-12) | Difficulty: Beginner

Parent takeaway: Your child can structure a real webpage from scratch and has completed their first project: a Personal Bio Page.

Module 2: CSS Styling (Days 13-19)

Your child learns CSS, the language that controls how a page looks: color, fonts, spacing, borders, and backgrounds, following the same structure-then-style workflow real web developers use.

Learning objectives:

- Link an external stylesheet and use CSS selectors
- Style colors, fonts, and text
- Use the box model and Flexbox to control spacing and layout

Concepts covered: External CSS and selectors, colors, fonts and text styling, the box model, backgrounds and borders, Flexbox basics and layouts.

Homework example: A styled name design, a box-model "pizza builder" exercise, and a navigation bar built with Flexbox.

Skills developed: Visual design, attention to detail, creativity

Real-world application: Every visual choice on a website your child likes, its colors, spacing, and alignment, is CSS. This is the design half of what makes a site feel professional.

Duration: 7 classes (Days 13–19) | **Difficulty:** Beginner to Intermediate

Parent takeaway: Your child can style a page's colors, layout, and spacing, and has completed their second project: a Styled Profile Card.

Module 3: Responsive Design and CSS Grid (Days 20–27)

Your child learns to build pages that work on any screen, phone, tablet, or desktop, using CSS Grid and media queries, the same responsive techniques every modern website relies on.

Learning objectives:

- Build multi-column layouts using CSS Grid
- Make a page responsive using media queries
- Add polish with transitions, animations, fonts, and icons

Concepts covered: CSS Grid layout, responsive design basics, media queries, CSS transitions and animations, Google Fonts and icons, an introduction to Bootstrap.

Homework example: A photo gallery built with Grid, and a hands-on "make it mobile friendly" resizing exercise.

Skills developed: Responsive design, problem-solving, computational thinking

Real-world application: Every website your child visits looks right on both a phone and a laptop because of exactly this skill; without it, half of visitors would see a broken page.

Duration: 8 classes (Days 20–27) | **Difficulty:** Intermediate

Parent takeaway: Your child can build a page that adapts to any screen size and has completed their third project: a Responsive Landing Page. Structure and style are now both in place for Phase 2.

Phase 2: Bringing Pages to Life (Modules 4–7, Days 28–45)

With structure and style in place, your child spends the final eighteen days learning JavaScript, making pages interactive with the DOM, and connecting to real APIs, before building and publishing a personal portfolio website that's genuinely live on the internet.

Project Showcase

#	Project	What Your Child Builds	Difficulty
1	Personal Bio Page	A styled personal introduction page built using HTML and CSS.	Beginner+
2	Styled Profile Card	A profile card designed using the CSS box model, borders, and backgrounds.	Beginner+
3	Responsive Landing Page	A mobile-friendly page built using Flexbox, Grid, and media queries.	Intermediate
4	To-Do List App	A console-style task list built using JavaScript logic and arrays.	Intermediate
5	Interactive To-Do App	An on-page to-do list where tasks can be added and removed live.	Intermediate
6	Quiz App with Score Tracker	A multiple-choice quiz that scores answers using JavaScript and the DOM.	Intermediate +

#	Project	What Your Child Builds	Difficulty
Final	Personal Portfolio Website	A complete website combining HTML, CSS, and JavaScript, built and published live on the internet.	Advanced (Capstone Project)

Difficulty ratings above reflect typical progression through the course and are a teaching guide, not a fixed rule; pacing always adapts to the child.

Module Roadmap

Module	Focus
Module 1 (Days 1–12)	Web Fundamentals and HTML: page structure, text, links, tables, and forms
Module 2 (Days 13–19)	CSS Styling: colors, fonts, the box model, and Flexbox
Module 3 (Days 20–27)	Responsive Design and CSS Grid: layouts that work on any screen
Module 4 (Days 28–34)	JavaScript Basics: variables, conditionals, functions, loops, and arrays
Module 5 (Days 35–39)	DOM and Interactivity: event listeners and live page updates
Module 6 (Days 40–43)	Mini Projects and APIs: pulling in real, live data
Module 7 (Days 44–45)	Final Project and Portfolio: building and publishing the live website

Expected Learning Outcomes

By the end of the course, your child will be able to:

- Structure a webpage using HTML: headings, text, lists, links, images, tables, and forms
- Style a page with CSS: colors, fonts, spacing, borders, and backgrounds
- Build multi-column, responsive layouts using Flexbox and CSS Grid
- Make a page adapt to any screen size using media queries
- Write JavaScript to control variables, conditionals, functions, and loops
- Use arrays to store and work with lists of data
- Manipulate a live page using the DOM and event listeners
- Validate forms and respond to user interaction in real time
- Connect a page to a real API to pull in live data
- Build, and publish, a personal portfolio website live on the internet

Assessment Approach

Progress isn't measured with written tests. Instead, it's tracked through the work itself:

- Daily coding challenges and homework
- Ongoing instructor feedback during live classes
- Checkpoint projects at the end of each module, including the Styled Profile Card and the Interactive To-Do App
- A final graduation project, a published portfolio website, presented at a class showcase with a coding quiz and certificate ceremony
- A personal portfolio of all seven completed projects, including one that's live on the real internet

Portfolio

Every project your child builds, the personal bio page, styled profile card, responsive landing page, to-do list app, interactive to-do app, quiz app, and the final portfolio website, stays with them. The portfolio website itself stays live and shareable online, not just saved as a file.

Certificate & Course Completion

Children who complete all 45 classes and publish their final portfolio website receive the YCA Web Development Completion Certificate at a class showcase on the final day, which includes a coding quiz and a chance to present their live website to the group. Unlike a typical school project, this website doesn't stay on a laptop: it's a real, shareable link your child leaves the course with.

Course at a Glance

Detail	Value
Duration	45 days
Classes per day	1
Class length	60 minutes
Total classes	45
Format	Live online, and in person in Kathmandu
Platform / tools	HTML, CSS, and JavaScript (VS Code, CodePen, or repl.it)
Device needed	Laptop or desktop with stable internet
Batch size	Maximum 8 students
Certificate	YCA Web Development Completion Certificate
Next step	App Development for Kids, or Full-Stack Web Development for Teens
Next batch start / Fee	Please contact Young Crafts Academy to confirm current dates and pricing

Why This Course Matters Beyond Coding

Every business, creator, and idea today needs a presence online, and this course teaches your child to build one from scratch. It's a practical, highly visible skill, and unlike a worksheet or a quiz score, a published website is something your child can point to and say "I built that."

21st-Century Skills

- Structural thinking: organizing information logically, a skill that transfers to writing, presentations, and problem-solving well beyond a screen
- Visual design sense: an eye for spacing, color, and layout that carries into any creative work
- Resilience: treating a broken layout or a JavaScript error as something to investigate, not something to fear
- Digital literacy: understanding how the websites they use every day are actually built
- Real-world proof of work: a live, shareable website your child can point to, long after the course ends

Supporting Future Careers

Web development remains one of the most in-demand technical skills, and one of the most visible: a published website is proof of work a child, and later a student or job applicant, can point to

directly. This course is positioned as a bridge rather than an end point: most students move on to YCA's App Development for Kids course to apply the same logic to mobile apps, or the more advanced Full-Stack Web Development for Teens course to go deeper into databases, APIs, and deployment.