Reading list for web development

* **Block 1**

Top of Form

* + - [**Developing with Web standards John Allsop**](https://www.open.ac.uk/libraryservices/resource/ebook:9780321647559&f=29842)

Ebook: Allsopp, J. Developing with Web standards John Allsop Published by New Riders,.

* + - [**Head first HTML and CSS Elisabeth Robson, Eric Freeman ; editor, Mike Hendrickson**](https://www.open.ac.uk/libraryservices/resource/ebook:9781449324506/provider/O%27Reilly_Media%2C_Inc&f=29842)

Ebook: Tired of reading HTML books that only make sense after you're an expert? Then it's about time you picked up Head First HTML and really learned HTML. You want to learn HTML so you can finally create those web pages you've always wanted, so you can communicate more effectively with friends, family, fans, and fanatic customers. You also want to do it right so you can actually maintain and expand your web pages over time so they work in all browsers and mobile devices. Oh, and if you've never heard of [CSS](https://learn2.open.ac.uk/mod/glossary/showentry.php?eid=1162897&displayformat=dictionary), that's okay--we won't tell anyone you're still partying like it's 1999--but if you're going to create web pages in the 21st century then you'll want to know and understand CSS. Learn the real secrets of creating web pages, and why everything your boss told you about HTML tables is probably wrong (and what to do instead). Most importantly, hold your own with your co-worker (and impress cocktail party guests) when he casually mentions how his HTML is now strict, and his CSS is in an external style sheet. With Head First HTML, you'll avoid the embarrassment of thinking web-safe colors still matter, and the foolishness of slipping a font tag into your pages. Best of all, you'll learn HTML and CSS in a way that won't put you to sleep. If you've read a Head First book, you know what to expect: a visually-rich format designed for the way your brain works. Using the latest research in neurobiology, cognitive science, and learning theory, this book will load HTML and CSS into your brain in a way that sticks. So what are you waiting for? Leave those other dusty books behind and come join us in Webville. Your tour is about to begin. Robson, E. Head first HTML and CSS Elisabeth Robson, Eric Freeman ; editor, Mike Hendrickson Published by O'Reilly,.

* + - [**Web Accessibility : Web Standards and Regulatory Compliance by Richard Rutter, Patrick H. Lauke, Cynthia Waddell, Jim Thatcher, Shawn Lawton Henry, Bruce Lawson, Andrew Kirkpatrick, Christian Heilmann, Michael R. Burks, Bob Regan, Mark Urban**](https://www.open.ac.uk/libraryservices/resource/ebook:9781430201885/provider/O%27Reilly_Media%2C_Inc&f=29842)

Ebook: The power of the Web lies in the fact that anyone and everyone can access it, and this should also extend to users with disabilities. [Accessibility](https://learn2.open.ac.uk/mod/glossary/showentry.php?eid=1162890&displayformat=dictionary) is about making websites accessible to those with aural, visual, or physical disabilities, or rather, constructing websites that don't exclude these people from accessing the content or services provided. This isn't difficult to accomplish and doesn't require anything more than your normal tool set—HTML, CSS, JavaScript, Flash, or whatever else. All you need to do is use these tools in the right way, and bear in mind the guidelines that exist to help you keep your websites accessible and the laws that enforce web accessibility around the world. This book gives you all you need to know about web accessibility, whether you are a web designer or developer who wants your sites to be accessible, or a business manager who wants to learn the impact of web accessibility laws on your websites. After an overview of the accessibility law and guidelines, and a discussion about accessibility and its implementation in the enterprise, the book goes on to show how to implement accessible websites using a combination of concise references and easy-to-follow examples, covering: Understanding assistive technologies Creating accessible content using XHTML, JavaScript, CSS, Flash, and PDFs Testing against WCAG (including 2.0) and Section 508 Retrofitting inaccessible sites where necessary The book concludes with an in-depth analysis of accessibility law around the world. If you're concerned about the legal and moral implications of web accessibility, then this book is perfect for you. It is written by some of the world's experts on accessibility, leaving you in good hands. Rutter, R. Web Accessibility : Web Standards and Regulatory Compliance by Richard Rutter, Patrick H. Lauke, Cynthia Waddell, Jim Thatcher, Shawn Lawton Henry, Bruce Lawson, Andrew Kirkpatrick, Christian Heilmann, Michael R. Burks, Bob Regan, Mark Urban Published by Apress :.

* + - [**Web design in a nutshell : [a desktop quick reference] Jennifer Niederst Robbins**](https://www.open.ac.uk/libraryservices/resource/ebook:9780596510121/provider/O%27Reilly_Media%2C_Inc&f=29842)

Ebook: Niederst Robbins, J. Web design in a nutshell : [a desktop quick reference] Jennifer Niederst Robbins Published by O'Reilly,.

* + - [**Sams Teach Yourself HTML, CSS, and JavaScript All in One, Third Edition Meloni, Julie**](https://www.open.ac.uk/libraryservices/resource/ebook:9780135167069/provider/O%27Reilly_Media%2C_Inc&f=29842)

Ebook: Teach Yourself HTML, CSS, and JavaScript All in One combines these three fundamental web development technologies into one clearly written, carefully organized, step-by-step tutorial that expertly guides the beginner through these three interconnected technologies. In just a short time, you can learn how to use HTML, Cascading Style Sheets (CSS), and JavaScript together to design, create, and maintain world-class websites. Each lesson in this book builds on the previous ones, enabling you to learn the essentials from the ground up. Clear instructions and practical, hands-on examples show you how to use HTML to create the framework of your [website](https://learn2.open.ac.uk/mod/glossary/showentry.php?eid=1162894&displayformat=dictionary), design your site's layout and typography with CSS, and then add interactivity with JavaScript and [jQuery](https://learn2.open.ac.uk/mod/glossary/showentry.php?eid=1162911&displayformat=dictionary). Step-by-step instructions carefully walk you through the most common web development tasks. Practical, hands-on examples show you how to apply what you learn. Quizzes and exercises help you test your knowledge and stretch your skills. Learn how to... Build your own web page and get it online in an instant Format text for maximum clarity and readability Create links to other pages and to other sites Add graphics, color, and visual pizzazz to your web pages Work with transparent images and background graphics Design your site's layout and typography using CSS Make elements move on your page with CSS transformations and transitions Animate with CSS and the HTML5 Canvas element Write HTML that's responsive web design-ready Design a site for mobile devices Use CSS media queries and breakpoints Get user input with web-based forms Use JavaScript to build [dynamic](https://learn2.open.ac.uk/mod/glossary/showentry.php?eid=1162906&displayformat=dictionary), interactive web pages Add [AJAX](https://learn2.open.ac.uk/mod/glossary/showentry.php?eid=1162924&displayformat=dictionary) effects to your web pages Leverage JavaScript libraries such as jQuery Make your site easy to maintain and update as it grows Meloni, J. Sams Teach Yourself HTML, CSS, and JavaScript All in One, Third Edition Meloni, Julie Published by Sams,.

* + - [**O'Reilly (previously Safari Ebooks Online)**](https://www.open.ac.uk/libraryservices/resource/database:274528&f=29842)

Database: O'Reilly contains over 40,000 books, videos, and an interactive tutorial. Expert-curated learning paths help you master specific topics with text, video, audio, and interactive coding tutorials. Please note that whilst authenticating an interim pop-up screen may appear for a few second before you get directed to the main platform.

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* **Books for Blocks 2 and 3**

Top of Form

* + - [**Beginning Responsive Web Design with HTML5 and CSS3 by Jonathan Fielding**](https://www.open.ac.uk/libraryservices/resource/ebook:9781430266952&f=29841)

Ebook: Fielding, J. Beginning Responsive Web Design with HTML5 and CSS3 by Jonathan Fielding Published by Apress :.

* + - [**Head first HTML and CSS Elisabeth Robson, Eric Freeman ; editor, Mike Hendrickson**](https://www.open.ac.uk/libraryservices/resource/ebook:9781449324506&f=29841)

Ebook: Robson, E. Head first HTML and [CSS](https://learn2.open.ac.uk/mod/glossary/showentry.php?eid=1162897&displayformat=dictionary) Elisabeth Robson, Eric Freeman ; editor, Mike Hendrickson Published by O'Reilly,.

* + - [**JavaScript : the definitive guide David Flanagan**](https://www.open.ac.uk/libraryservices/resource/ebook:9780596000486&f=29841)

Ebook: Flanagan, D. JavaScript : the definitive guide David Flanagan Published by O'Reilly,.

* + - [**Learning PHP, MySQL &amp; JavaScript : with jQuery, CSS &amp; HTML5 Robin Nixon ; cover designer, Randy Comer ; illustrator, Rebecca Demarest**](https://www.open.ac.uk/libraryservices/resource/ebook:9781491918647&f=29841)

Ebook: Nixon, R. Learning PHP, MySQL & JavaScript : with [jQuery](https://learn2.open.ac.uk/mod/glossary/showentry.php?eid=1162911&displayformat=dictionary), CSS & HTML5 Robin Nixon ; cover designer, Randy Comer ; illustrator, Rebecca Demarest Published by O'Reilly Media Inc.,.

* + - [**Learn PHP 7 : Object Oriented Modular Programming using HTML5, CSS3, JavaScript, XML, JSON, and MySQL by Steve Prettyman**](https://www.open.ac.uk/libraryservices/resource/ebook:9781484217306&f=29841)

Ebook: Prettyman, S. Learn PHP 7 : Object Oriented Modular Programming using HTML5, CSS3, JavaScript, [XML](https://learn2.open.ac.uk/mod/glossary/showentry.php?eid=1162896&displayformat=dictionary), JSON, and MySQL by Steve Prettyman Published by Apress :.

* + - [**Sams teach yourself HTML, CSS and JavaScript all in one Julie C. Meloni**](https://www.open.ac.uk/libraryservices/resource/ebook:9780133795165&f=29841)

Ebook: Meloni, J. Sams teach yourself HTML, CSS and JavaScript all in one Julie C. Meloni Published by Sams,.

* + - [**JavaScript in 24 Hours, Sams Teach Yourself, Sixth Edition Ballard, Phil**](https://www.open.ac.uk/libraryservices/resource/ebook:9780134172163&f=29841)

Ebook: Sams Teach Yourself JavaScript in 24 Hours, Sixth Edition New coverage of ECMAScript 6 In just 24 lessons of one hour or less, Sams Teach Yourself JavaScript in 24 Hours helps you learn the fundamentals of programming using the JavaScript language. Designed for beginners with no previous programming experience, this book’s straightforward, step-by-step approach shows you how to use JavaScript to add a wide array of interactive features and effects to your web pages. Every lesson builds on what you’ve already learned, giving you a rock-solid foundation for real-world success. Step-by-step instructions carefully walk you through the most common JavaScript programming tasks. Practical, hands-on examples show you how to apply what you learn. Quizzes and exercises help you test your knowledge and stretch your skills. Notes and tips point out shortcuts and solutions. Upgrade to the online Learning Lab edition of this book for just with purchase. See inside for details. Learn how to… ·         Use JavaScript to build [dynamic](https://learn2.open.ac.uk/mod/glossary/showentry.php?eid=1162906&displayformat=dictionary), interactive web pages ·         Debug scripts ·         Create scripts that work in all browsers ·         Write clear, reliable, and reusable code ·         Use object-oriented programming techniques ·         Script with the DOM ·         Access JSON data ·         Work with HTML5 and CSS3 ·         Leverage the popular jQuery library ·         Control CSS with simple JavaScripts ·         Read and write cookies ·         Use some of the new ECMAScript features today ·         Get started with frameworks such as AngularJS ·         Build [browser](https://learn2.open.ac.uk/mod/glossary/showentry.php?eid=1162902&displayformat=dictionary) add-ons and extensions Register your book at informit.com/register for convenient access to updates, downloads, and corrections as they become available. Who This Book Is For Those who have at least a basic understanding of HTML and web page design in general and want to move on to adding some extra interactivity to your pages. Those who currently code in another programming language and want to see what additional capabilities JavaScript can add to your armory Someone who has never done any computer programming. Browse through an HTML primer before using this book. You don't need to be an HTML expert to use JavaScript but should have a basic understanding. Ballard, P. JavaScript in 24 Hours, Sams Teach Yourself, Sixth Edition Ballard, Phil Published by Sams,.

[**JavaScript - A Beginners Guide**](https://www.open.ac.uk/libraryservices/resource/ebook:9780071809375/provider/O%27Reilly_Media%2C_Inc&f=29841)

Ebook: Fully updated for the latest JavaScript standard and featuring a new chapter on HTML5 and jQuery JavaScript: A Beginner's Guide shows how to create dynamic Web pages complete with special effects using today's leading Web development language. With the growth of HTML 5, JavaScript is expected to grow even more to script the canvas element, add drag and drop functionality, and more. This fast-paced tutorial provides step-by-step coverage of the fundamentals, including variables, functions, operators, event handlers, objects, arrays, strings, and forms. The book then moves to more advanced techniques, including debugging, [accessibility](https://learn2.open.ac.uk/mod/glossary/showentry.php?eid=1162890&displayformat=dictionary), and security. This pedagogically rich, hands-on guide explains how JavaScript works with HTML 5 and covers the new features available in JavaScript. Key Skills & Concepts--Chapter-opening lists of specific skills covered in the chapter Ask the Expert--Q & A sections filled with bonus information and helpful tips Try This--Hands-on exercises that show you how to apply your skills Notes--Extra information related to the topic being covered Tips--Helpful reminders or alternate ways of doing things Self-Tests--End-of-chapter reviews to test your knowledge Annotated syntax--Example code with commentary that describes the programming techniques being illustrated Code downloads provided for projects in the book Pollock, J. JavaScript - A Beginners Guide Published by McGraw Hill Osborne.

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