

Kids Coding

ADVANCED
WEB DESIGNING



Advanced Web Designing For Kids

Course Overview

Our Web designing classes consists of HTML/HTML5, CSS/CSS3, JavaScript, jQuery, Bootstrap these are used to organize the website layout and define the look and feel of WebPages, and we teach all these using Dreamweaver, which is a most popular professional web Development tool. Our special design course covers the latest designing tools like Adobe Photoshop and flash. We also cover real-time projects starting from domain registration to hosting your website.

Why you should register at LogicRays Academy for learning basic kids coding course in Ahmedabad?

- Online & Offline Training
- Excellent Lab Support
- Work on Live Project
- Get Expert Mentor
- Certification

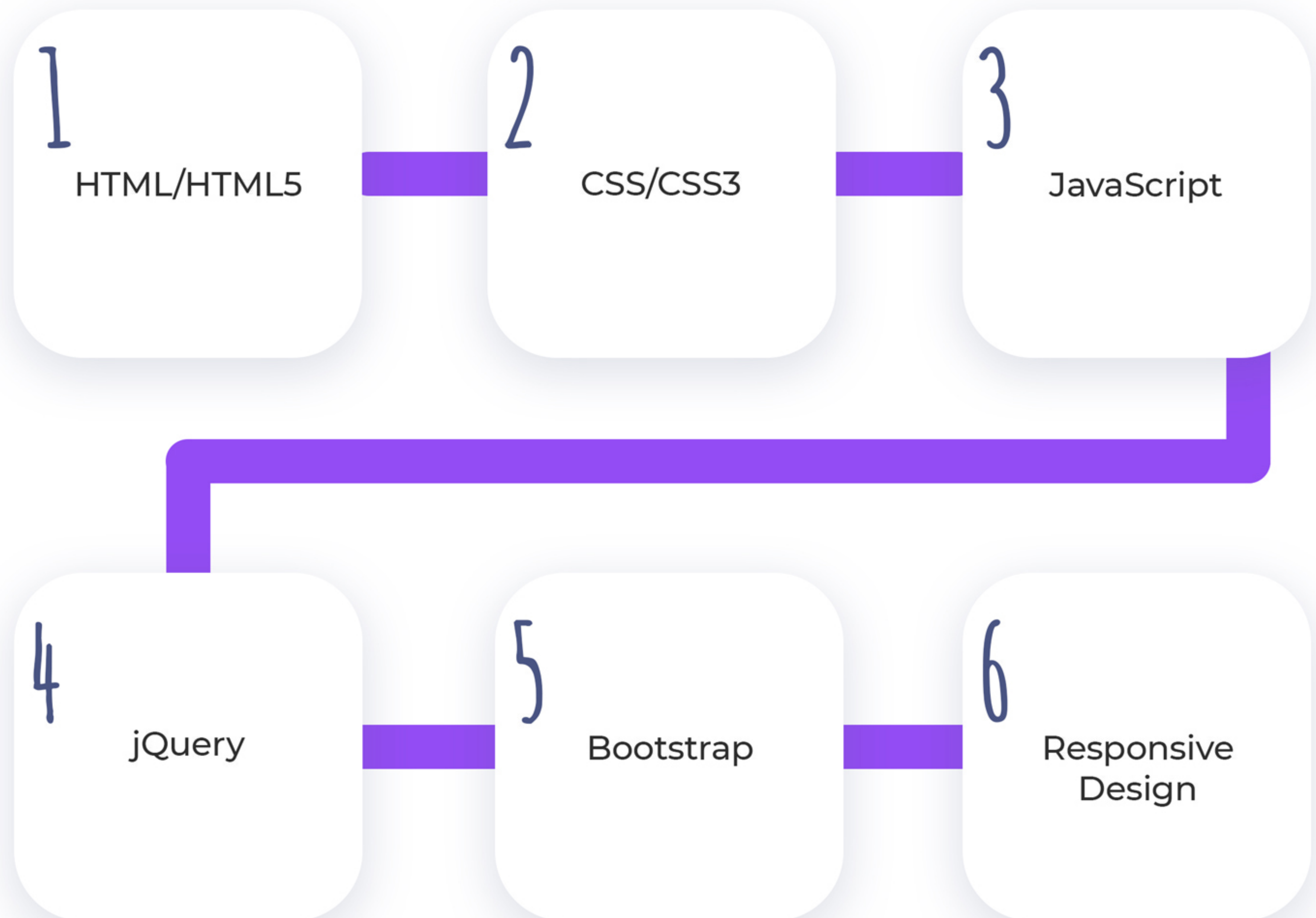


Advanced Coding For Kids

Age 14 - 18

(Online & Offline Classes)

Web Design for kids



Course Curriculum

1. Web Designing

○ Introduction to Web Design

<> 1. Introduction of HTML

- What is HTML?
- What is Markup Language?
- HTML Page Structure
- Use of Web Browsers
- HTML Editors

<> 2. HTML Basic

- What is Element? and Types of Element
- Block Elements and Inline Elements
- What are Attributes? and how to use it?
- Paragraphs and Formatting
- Headings
- HTML Comments
- HTML Symbols / Entities

<> 3. HTML Links

- Relative URL
- Image as a link
- Create a Bookmark
- Absolute URL
- Attributes : href , title , target , id , download

<> 4. HTML Images

- Optimizing JPEG,PNG and GIF Images
- Embedding Images in a WebPage
- Image as a link
- Image Maps
- Attributes : src , title , alt , height , width, shape , coords

<> 5. HTML Lists

- Unordered List
- Ordered List
- Description List
- Nested List
- Attributes : type

<> 6. HTML Tables

- Unordered List
- Creating Tables
- Formatting Tables
- Table Headers and Captions
- Attributes : rowspan , colspan , border , bgcolor

<> 7. HTML Form and Input

- Creating Forms (Form Element)
- Form Methods - Get,Post
- Single Line Input- Textbox, Password, Hiddenbox
- Multiple Line Input - Textarea
- Single Selection - Radio Button, Select
- Multiple Selection - Checkbox, Select with multiple attribute
- File Upload - File
- Buttons - Submit,Reset,Button
- Attributes : method , action , type , name , value , maxlength , size , checked , tabIndex , readonly , rows , cols

<> 8. HTML Iframe and Fieldset

- Creating Iframe
- Iframe - Target for a Link
- Creating Fieldset

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<> 9. HTML5

- Introduction of HTML5
- Difference between HTML4 and HTML5
- HTML5 New Semantic (Structural) Elements
 - header
 - nav
 - section
 - article
 - aside
 - footer
 - details
 - header
 - summary
 - figure
 - figcaption
 - mark
 - progress
 - meter
- HTML5 New Form Elements
 - datalist
 - output
- HTML5 New Input Types
 - color
 - date
 - datetime
 - datetime-local
 - email
 - month
 - number
 - range
 - search
 - tel
 - time
 - url
 - week
- HTML5 New Input Attributes
 - autocomplete
 - autofocus
 - form
 - formaction
 - formenctype
 - formmethod
 - formnovalidate
 - formtarget
 - list
 - min and max
 - pattern
 - placeholder
 - required
 - step
- HTML5 New Graphic Elements
 - canvas
 - svg
- HTML5 New Media Elements
 - audio
 - video
 - source
 - embed

○ Introduction to css and css3

<> 1. Introduction of CSS

- What is CSS?
- Why use CSS?
- CSS and Markup Languages

<> 2. CSS Basic

- CSS Syntax
- Types of CSS
 - Inline CSS
 - Internal CSS
 - External CSS
- CSS Selectors
 - Simple selectors
 - Combinator selectors
 - Pseudo-class selectors
 - Pseudo-elements selectors
 - Attribute selectors
- CSS Comments
- StyleSheet Strategies

<> 3. Color and Background Properties

- Set Text and ForegroundColor
- Set BackgroundColor
- Set BackgroundImage
- Set background-position

<> 4. CSS Text Properties

- Set Text and ForegroundColor
- Set BackgroundColor
- Set BackgroundImage
- Set background-position

<> 5.CSS Font Properties

- Set size of Fonts
- Apply style to Fonts like bold, italic

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- Creating SmallCaps
- Change Fonts using Font Family

<> 6. HTML Div and Span Element

- Create Div
- Arrange Div in specific place
- Create Web Page layout

<> 7. CSS Box Properties

- Margin
- Padding
- Content
- Border

<> 8. CSS Float Properties

- Left
- Right
- None

<> 9. CSS Border Properties

- width
- color
- style

<> 10. CSS Position Properties

- Static
- Relative
- Fixed
- Absolute
- Z-index

<> 11. CSS List Properties

- list-style
- list-style-image
- list-style-position
- list-style-type

<> 12. Introduction to CSS3

- What is CSS3?
- Difference between CSS and CSS3

<> 13. CSS3 Backgrounds

- background-size
- background-origin
- background-clip
- Multiple Background Images

<> 14. CSS3 Gradients

- Linear Gradient
- Radial Gradient

<> 15. CSS3 Shadow

- text-shadow
- box-shadow

2. Javascript

○ Introduction to Javascript

<> 1. Introduction of Javascript

- What is Javascript?
- Javascript and Markup Languages
- Javascript Syntax

<> 2. Javascript Output

- window.alert
- document.write
- console.log
- innerHTML

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<> 3. Statements and Comments

<> 4. Variables

<> 5. Javascript Arrays

- Array Syntax
- How to use Array values

<> 6. Javascript Objects

- Object Syntax
- How to use Object values

<> 7. Data Types

- number
- string
- boolean
- object
- undefined
- null
- function

<> 8. Operators

- Arithmetic Operators
- Assignment Operators
- String Operators
- Comparison Operators
- Logical Operators
- Type Operators

<> 9. Functions

- What is function?
- Why use function?
- function Syntax
- Types of function
 - User Defined functions
 - Predefined functions
- function invocation

<> 10. Conditional Statements and Loops

- Conditional Statements
 - if statement
 - if else statement
 - if elseif else statement
 - Switch case
- Looping Statements
 - while loop
 - do-while loop
 - for loop
 - Continue
 - break

<> 11. Javascript Dates

<> 12. HTML Events

- Window Events
 - onload
 - onunload
- FormEvents
 - onblur
 - onselect
 - onchange
 - onsubmit
 - onfocus
 - onreset
 - oninput
 - onsearch
- KeyboardEvents
 - onkeydown
 - onkeyup
 - onkeypress
- MouseEvents
 - onclick
 - onmouseout
 - ondblclick
 - onmousedown
 - onmouseover
 - onmouseup

<> 13. Javascript Validation

3. Jquery

○ Introduction to Jquery

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<> 1. Introduction to jQuery

- What is jQuery?
- Why use jQuery?
- Difference between Javascript and jQuery
- jQuery Syntax

<> 2. jQuery Selectors

<> 3. jQuery Events

<> 4. jQuery Effects

- jQuery Hide/Show
- jQuery Fade
- jQuery Slide
- jQuery Animate
- jQuery Stop
- jQuery callback
- jQuery chaining

<> 5. jQueryHTML

- jQuery Get
- jQuery Set
- jQuery Add
- jQuery Remove
- jQuery CSS Classes

<> 6. jQueryMisc

- jQuerynoConflict()

<> 1. Introduction of BS

- What is BS?
- What is Responsive Web Design?
- Why use BS?
- How to use BS and Syntax?

<> 2. How to Create a Layout in BS

- Grid Classes

<> 3. Typography and colors in BS

<> 4. BS Tables

- Bordered Table
- Striped Table
- Hover Table
- Condensed Table
- Responsive Table

<> 5. Navigation bar in BS

- Inverted NavigationBar
- Fixed NavigationBar
- Navigation Bar with Dropdown
- Right-aligned NavigationBar
- Collapsing the NavigationBar

<> 6. Form in BS

- Vertical Form
- Horizontal Form
- Inline Form

<> 7. Buttons in BS

- ButtonStyles
- ButtonSizes
- Block LevelButtons
- Active/DisabledButtons

3. Bootstrap

○ Introduction to Bootstrap

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<> 8. Images in BS

- Rounded Corners Image
- Circle Image
- Thumbnail Image
- Responsive Image

Web Designing for kids

COURSE TAKE AWAY

- > Learn Design
- > Create your own responsive Website
- > Real Time Website Design Projects



Make your child
future BRIGHT, Today



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