Collapse All

▼ Welcome to Phase 1

Complete All Items

📄 **Welcome - What To Expect In Phase 1**
View

📄 **Blogging**
View

▼ Discussion Questions

💬 **Discussion Questions: Arrow Functions**

💬 **Discussion Questions: Thinking in Types**

💬 **Discussion Questions: JS and the DOM**

💬 **Discussion Questions: Events**

Discussion Questions: ES6 Features

Discussion Questions: Client-Server Communication

Discussion Questions: AJAX

Discussion Questions: Execution Context

▼ [Week 1 : Day 1] JavaScript Fundamentals

Prerequisites: Welcome to Phase 1 (Complete All Items)

Video: Variables and Data Types

JavaScript Variables

View

Review: Variables Lab

1 pts   Submit

Review: Strings Lab

1 pts   Submit

Comparisons in JavaScript

View

Video: JavaScript Conditionals

Review: Conditionals
View

Logical Operators
View

Review: Control Flow Lab
1 pts

Review: Arithmetic Lab
1 pts   Submit

JavaScript Fundamentals Quiz
6 pts   Submit

▼ **[Week 1 : Day 2] Functions in JavaScript**   (Complete All Items)

Video: Functions

Review: Functions
View

Functions Lab

1 pts   Submit

Functions: Continued

1 pts   Submit

Video: Arrow Functions

Arrow Functions

1 pts   Submit

Callback Functions

View

First-Class Functions

1 pts   Submit

JavaScript Advanced Functions: First-Class Functions Lab

1 pts   Submit

Functions in JavaScript Quiz

12 pts

▼ [Week 1 : Day 3] Scope   Complete All Items

Video: Scope

View

Introduction to Scope
View

Scope Chain
View

Scope Lab
1 pts   Submit

Lexical scoping
View

Scope Quiz
8 pts

▼ [Week 1 - Day 4] Working with Data Structures in JavaScript   Complete All Items

Video: Arrays and Objects

Arrays
View

Array Methods
View

Arrays Lab

1 pts   Submit

Objects

View

Modifying Objects

View

Objects Lab

1 pts   Submit

Review: Debugging

View

▼ [Week 1 - Day 5] Working with Data Structures in JavaScript iteration (Part 2)

Complete All Items

Video: JavaScript Loops

Looping Lab

1 pts   Submit

Object Iteration

View

Traversing Nested Objects

View

Bonus: JavaScript Object-ball

1 pts   Submit

Working with Objects in JavaScript Quiz

7 pts

Feedback 3

Mark done

▼ **[Week 2 : Day 6] Video Series: Array Iteration**   Prerequisites: [Week 1 - Day 5] Working with Data Structures in JavaScript iteration (Part 2)

Video: First Class Functions

Video: First Class Functions Part 2

Video: .map

Video: .map Part 2

Video: .find

📄 **Video: .reduce**

📄 **Video: .forEach**

▾ [Week 2 : Day 7] Array Iteration   Complete All Items

📄 **Array Iterator Methods**

View

📄 **Finding Array Elements**

View

📝 **Using the Array Find Method**

1 pts   Submit

📄 **Filtering Arrays**

View

📝 **Using the Array Filter Method**

1 pts   Submit

📄 **Mapping Arrays**

View

📝 **Using the Array Map Method**

1 pts   Submit

Using the Array Reduce Method

1 pts   Submit

forEach: The Iterator of No Return

View

Arrays and Objects - What is Really Going On?

View

Working with Arrays in JavaScript Quiz

10 pts

[Week 2 : Day 8] JavaScript Advanced Syntax

Complete All Items

Video: Destructuring & Spread Operator

Destructuring Assignment

1 pts   Submit

Advanced Function Parameter Syntax: Default / Rest / Spread

View

▾ [Week 2 : Day 9] Introducing Flatiron's Three Pillars of JavaScript

(Complete All Items)

📄 **Defining Front-End Web Programming**
    View

📝 **Stitching Together the Three Pillars**
    1 pts   Submit

▾ [Week 2 : Day 10] JavaScript and the DOM

(Complete All Items)

📄 **Video: Intro to DOM**

📄 **Introduction to the DOM**
    View

📝 **DOM Editing Lab**
    1 pts   Submit

📄 **Changing The DOM with DevTools and JavaScript**
    View

📄 **The DOM Is a Tree**
    View

📄 **Video: DOM Selectors**

JavaScript Query Selector Methods
View

Video: Changing DOM Elements

Creating and Inserting DOM Nodes Lab
1 pts   Submit

You're a DOM Manipulation Expert Now!
View

JavaScript and The DOM Quiz
10 pts

[Week 3 : Day 11] JavaScript Events

Complete All Items

Video: DOM Events

JavaScript Events
View

JavaScript Event Listeners Lab
1 pts   Submit

Moving Things with JavaScript by Acting on Events

1 pts   Submit

Video: Forms

Video: DOMContentLoaded

The JavaScript DOMContentLoaded Event

1 pts   Submit

Challenge: TaskLister Mini-Project

1 pts   Submit

You're an Eventing Expert Now!

View

JavaScript Events Quiz

11 pts

[Week 3 : Day 12] Communicating with the Server

Complete All Items

Introduction to Communicating with the Server

View

Video: Intro to the Internet

How The Web Works

View

Video: JSON

Video: Postman

Using JSON Server and Postman to Mock Client/Server Communication

1 pts   Submit

Video: Asynchronous JavaScript & Fetch

Video: DOM Manipulation Review

Video: GET Requests

▼ **[Week 3 : Day 13] Communicating with the Server (Part 2)**

Using fetch()

Fetch Lab

1 pts

Fetch on Demand with Forms

1 pts

Asynchronous JavaScript

Video: POST Requests

Video: PATCH Requests

Video: DELETE Requests

Sending Data with Fetch

1 pts

Communicating with the Server Quiz

6 pts

▼ **[Week 3 : Day 14] Combining the Three Pillars**   Complete All Items

Pulling It All Together

View

Building the Simple Liker App

📝 1 pts   Submit

[Week 3 : Day 15] Applying Your Learning

Complete All Items

Interacting with the DOM using Events

📝 1 pts   Submit

Fetch Dog CEO

📝 1 pts   Submit

Toy Tale

📝 1 pts   Submit

GitHub Search App

📝 1 pts   Submit

Feedback 4

📄 Mark done

IP Phase 1 Code Challenge: Flatacuties [Compulsory]

📝 15 pts

▼ **[Optional] Additional Practice: JavaScript**   Prerequisites: [Week 3 : Day 15] Applying Your Learning (Complete All Items)

Additional Practice: Monsters

1 pts   Submit

Additional Practice: Woof Woof Welcome to Doggo Bark Bark

1 pts   Submit

Additional Practice: Westminster Kennel Club Dog Show

1 pts   Submit

Additional Practice: BookLiker

1 pts   Submit

Additional Practice: JavaScript Quotes

1 pts   Submit

▼ **[Week 4 : Day 16] Algorithmic Problem Solving**   (Complete All Items)

Introduction to Algorithmic Problem Solving

View

What is an Algorithm?

View

Palindrome Lab

1 pts   Submit

📄 **Palindrome Lab Solution 1**

📄 **Palindrome Lab Solution 2**

📄 **Big O Notation**
    View

📄 **Big O Examples**
    View

📝 **Has Target Sum Lab**
    1 pts   Submit

📄 **Has Target Sum Lab Solution**

📄 **Algorithmic Problem Solving Conclusion**
    View

🚀 **Algorithmic Problem Solving Quiz**
    5 pts

▼ **[Week 4 : Day 16] Context in JavaScript**   Complete All Items

Introduction to Context
1 pts   Submit

Context and Implicit Setting
View

Context and Explicit Setting
View

Context Lab
1 pts   Submit

The Lost Context Bug Code-Along
View

JavaScript Functional Library Project
1 pts   Submit

Context in JavaScript Quiz
8 pts

▾ **[Optional] Object-Oriented JavaScript**   (Complete All Items)

Video: Intro to Object-Oriented JavaScript

Video: Execution Context

Object Orientation in JavaScript
View

Classes and Instances
View

Initializing Instances
1 pts   Submit

Adding Behavior With Methods
1 pts   Submit

Method Types
View

Getter and Setter Methods
1 pts   Submit

Static Methods Lab
1 pts   Submit

Video: Inheritance

Class Extensions and Inheritance
View

Class Extension Lab
1 pts   Submit

Super

View

Super Lab

1 pts   Submit

Liskov's Substitution Principle

View

Object-Oriented JavaScript Quiz

14 pts

▾ [Optional] JavaScript Inheritance

Complete All Items

Prototypal Inheritance

View

Constructor Functions

View

Constructor Functions Lab

1 pts   Submit

Using Prototypes

View

Object Methods in JS Lab

1 pts　　Submit

📄 **Prototypal Inheritance Conclusion**

 View

▾ [Optional] Additional Practice: HTML Forms and Modern Elements

<div align="right">

Complete All Items

</div>

📄 **HTML Forms**

 View

📝 **HTML Forms Lab**

 1 pts Submit

📄 **HTML IFrames**

 View

📝 **HTML IFrames Lab**

 1 pts Submit

📄 **HTML5 Media**

 View

📝 **HTML5 Embedded Videos Lab**

 1 pts Submit

📄 **HTML5 Semantic Elements**

 View

HTML5 Semantic Elements Lab

1 pts   Submit

▼ [Week 4 : Day 17, 18] Code Challenges

Complete All Items

Code Challenges

Phase 1 Code Challenge: Flatadango[Compulsory]

Phase 1 Code Challenge: Ramen Rater

1 pts

Phase 1 Code Challenge: Flatagram

Phase 1 Code Challenge: Flatiron Cake Off

Assignment: Phase 1 Code Challenge

12 pts   View

▼ **[Week 4 : Day 19] Artificial Intelligence Introduction**

📄 **What is Artificial Intelligence?**

📄 **AI in the Software Engineering Industry**

📄 **Chatbot Overview and Limitations**

📄 **Accelerate Your Learning with AI**

📄 **Debugging with AI**

📄 **Data Generation with AI**

▼ **[Week 5] Phase 1 Project**　　　　　　　　　　　　　　Complete All Items

📄 **Phase 1 Project Guidelines**
　　View

📝 **Assignment: Phase 1 Project**

12 pts

Assignment: Phase 1 Blog

1 pts

Feedback 5

Mark done

End of Phase Feedback

▼ **Congratulations on Completing Phase 1**   Prerequisites: [Week 5] Phase 1 Project   Complete All Items

Congratulations on Completing Phase 1!

View

▼ **[Supplemental] Git and GitHub**   Complete All Items

Welcome to Git/GitHub

View

Intro to Version Control

View

Git Basics
View

.gitignore
View

Getting Code with GitHub
View

Pushing Code to GitHub
View

Maintaining a Good Commit History
View

Viewing the Git Commit History
View

Undoing Changes with Git
View

Working with Branches
View

Merging Branches with Git
View

Resolving Merge Conflicts
View

Collaborating with Git and GitHub

View

Building a Great GitHub Profile

View

Git and GitHub Quiz

15 pts