

Getting Started with CodeHop for Lower Elementary

CodeHS Professional Development Online Course

Details

Course delivery method: Self-Paced Online Delivery

Contact hours: 3-5 approximate hours

Prerequisite(s): No prior programming experience needed

Course Description

This short online PD course is designed to help educators learn the ins and outs of using CodeHop so they can feel more comfortable delivering the lessons provided. This course covers the CodeHop interface, block descriptions, how to use each block in a program, how to draw or customize characters and backgrounds, and tips and tricks for creating programs in CodeHop.

Course Outcomes

Educators will understand:

- the CodeHop interface.
- sequences, loops, events, message events, and drawing tools.
- tips and tricks to create CodeHop programs.

More Information

Browse the content of this course at <https://codehs.com/course/22202/explore>.

Course Breakdown (3 - 5 Hours)

Unit 1: Welcome to Getting Started with CodeHop for Lower Elementary (30 minutes)	
Topics Covered	• Course Syllabus • Navigating the Course • Getting Help in Your Online Course • How to Complete and Turn In Exercises • Your Goals for This Course
Unit 2: Introduction to CodeHop (30 Minutes)	
Topics Covered	• Module Introduction • Benefits of Early Coding Education • What is CodeHop? • Getting Started with CodeHop
Unit 3: Basic Programming Concepts (45 - 60 Minutes)	
Topics Covered	• Module Introduction • Sequences & Events • Loops • Messaging • Coding Class
Unit 4: Storytelling with CodeHop (45 - 60 Minutes)	
Topics Covered	• Module Introduction • Storytelling Animations • Original Story Animations - Fiction Story
Unit 5: Game Design with CodeHop (60 - 90 Minutes)	
Topics Covered	• Module Introduction • River Crossing Game • Moving Targets Game • Racing Game
Unit 6: Debugging in CodeHop (30 - 45 Minutes)	
Topics Covered	• Module Introduction • Debugging Challenges
Unit 7: Getting Started with CodeHop Course Wrap-Up (15 minutes)	
Topics Covered	• Course Reflection and Course Survey • Course Badge • Connect with the CodeHS Educator Community

Communication & Support

The instructor(s) will communicate with students as needed for individual questions and feedback.

Getting Help with Activities

Course students can use the Conversation tab in the code editor to ask questions about any of the course activities.

The course instructor(s) will respond to questions and provide feedback in this area as well.

You can find more information about getting help with your coursework [HERE](#).

Course Criteria for Completion

Once students have successfully completed all activities in the course, a Certificate of Completion will be available.

