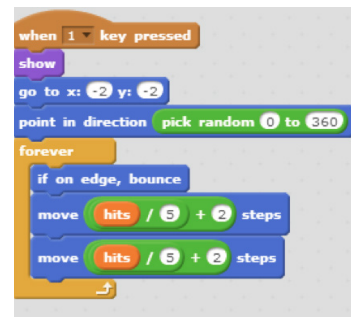
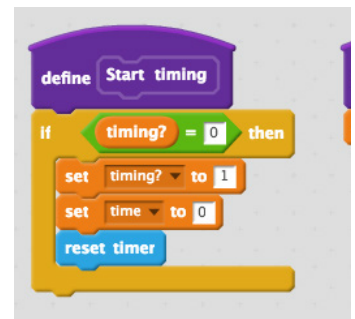
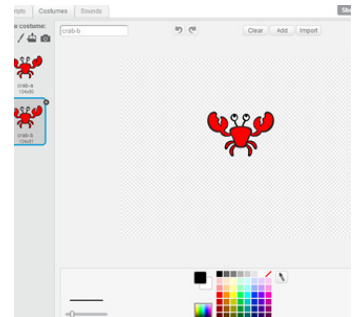


Coding



Unit 1: Understanding Scratch

- Starting Out with Scratch
- Motion and the Scratch Editor
- Adding Sound to Scratch Programs
- Creating Dance Projects in Scratch
- Weekly Quiz
- Program Control and C Blocks
- Adding Text
- Using Hat Blocks to Start Programs
- Using Looks Blocks for Graphic Effects
- Weekly Quiz
- Adding User Interaction
- Adding Backdrops
- Creating Programs with Multiple Sprites
- Sharing Your Projects with the Scratch Community
- Unit Exam



Unit 2: Creating Animations and Interactive Art

- Adding New Sprites
- Adding Motion
- Adding Repetition Control
- Adding Costumes to Sprites
- Weekly Quiz
- Customizing Costumes
- Switching Costumes
- Adding New Sounds
- Introduction to Computational Thinking Concepts
- Weekly Quiz
- Adding Random Movement
- Creating Interactive Art Projects
- Remixing and Debugging Interactive Art Projects
- Adding Variables and Custom Blocks
- Unit Exam



Unit 3: Music and Dance on Scratch

- Creating a Piano in Scratch
- Adding Sound to the Piano
- Completing the Piano
- Creating Custom Events
- Weekly Quiz
- Creating a Music and Dance Project
- Adding User Interaction: Click and Keystroke Events
- Creating a Custom Backdrop
- Finishing Your Music and Dance Project
- Weekly Quiz
- Adding User-Controlled Sound
- Creating a Timer
- Modifying Sound
- Adding an Interactive Audience
- Unit Exam

Unit 4: Games on Scratch

- Creating a Ping-Pong Game
- Adding Sound to a Ping-Pong Game
- Duplicating Sprites
- Changing Sprite Speed
- Weekly Quiz
- Creating a Maze Game
- Adding Sound to a Maze Game
- Adding Levels to Your Game
- Adding a Scoring System to Your Game
- Weekly Quiz
- Creating a Hide-and-Seek Game
- Adding More Sprites
- Adding a Timer
- Adding More Levels
- Unit Exam

Unit 5: Creating Stories in Scratch

- Creating Story Projects
- Switching Scenes
- Adding More Scenes
- Sounds and Animation in Stories



- Weekly Quiz
- Creating a Quiz
- Adding a Game
- Creating a Vacation Scene
- Adding Narration and Drawings
- Weekly Quiz
- Adding a Custom Sprite
- Creating a Dance Scene
- Adding a Conclusion
- Remixing a Story Project
- Unit Exam

Unit 6: Cumulative Project

- Creating a Multi-Page Game Project
- Creating a Puzzle
- Adding Ghost Effect to a Hide-and-Seek Game
- Drawing Shapes
- Weekly Quiz
- Adding Obstacles to a Maze Game
- Creating a Matching Game
- Creating a Mix-and-Match Puzzle
- Adding Moving Obstacles to a Maze Game
- Weekly Quiz
- Adding an Introductory Page to a Game Project
- Adding Multiple Levels to a Game Project
- Adding a Scoring System Based On Time and Tasks
- Sharing Your Project and Commenting on Other Projects
- Unit Exam

