

CODING FOR CONFIDENCE

Module 2: Girls Code

Overview: In this session, teams begin to explore coding using HTML. Teams will continue to engage in team building activities to develop their interdependence and enhance their communication and collaboration skills. This time they will engage in **PAIR PROGRAMMING** on the next level, incorporating words into their sharing, the next step toward their goal of symbolic representations in coding and writing to solve a problem. Next, through a **CODE ALONG** activity, the girls will code a webpage using HTML, and then have time to explore and experiment with HTML.

Materials (Advanced Prep): devices (one for each participant), Handouts: Coding Chronicle 2

Welcome: Greeting and Ice Breaker (Getting to Know You)

Query: How can Girls Code?

Activate Your Heart with our Daily Affirmation - Teamwork Makes the Dream Work

Word of the Day: COLLABORATE

Session Preparation (“Do Now”): participants sign in to repl.it using their Google Account

View: empowerment video

Team Building: **PAIR PROGRAMMING** Shared Writes, response to motivational story

Coding Workshop:

Introduction **WHAT IS HTML?**(embedded vocabulary, why does language matter in coding)

Interactive **CODE ALONG:** **HTML WEBPAGE** Walk through steps to create a webpage using HTML

Experiment Apply HTML to your design or explore new ways to code using HTML.

Confidence Affirmation: We’re stronger together.