

CODING FOR CONFIDENCE

Module 1: Girls Support Girls

Overview: In this session, future programmers will meet, form teams, and get to know each other through carefully crafted and intentionally designed activities. Teams will become interdependent, as they learn to communicate and collaborate to solve complex problems. There will be a focus on building confidence by supporting one another. By the end of the first sessions, teams will make their first foray into programming as they engage in their first CODE ALONG.

Materials (Advanced Prep): devices (one for each participant), paper, crayons/colored pencils, Handouts: Coding Chronicle 1, Initial Survey (digital)

Session Preparation (“Do Now”):

- Complete the digital initial survey before we begin the session.
- Sign up for repl.it using their Google Account

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

Query: How can Girls Support Girls?

Activate Your Heart with our Daily Affirmation – We’re Stronger Together

Word of the Day: CONFIDENCE

Music – Female empowerment

Discuss Characteristics of Empowered Female Leaders (Slide)

View: Ted Talk Reshma Saujani and discuss

Team Building: form teams, Pair PROGRAMMING Shared Draw (graphic) Design a logo for a girl powered organization or team.

Coding Workshop:

Introduction WHAT IS CODING?(embedded vocabulary)

Interactive CODE ALONG: NUMBER GUESSER (Java Script)

Confidence Affirmation: We’re stronger together.