

Generate Ideas Module

Girls explore what they currently know about the challenge. This includes their naïve concepts or models of the domain and will provide a baseline or pre-assessment of what they know about the challenge.

February

Lesson 1: 2/14 After-school: Introduction to IT Girl

Welcome to IT Girl: meet your support staff and fellow IT Girls.
Discuss the IT Girl Mission.
Create a code of conduct for each other.
Brainstorm about interesting challenges/problems.
What's your favorite website?

Lesson 2: 2/21 After-school: What's Your Problem?

Set up and practice using research tools: web browser, Google Research and Communication Tools
Build five teams of three to five IT Girls based on challenge interest.
Teams begin refining their challenge into a specific challenge to research and solve.

Lesson 3: 2/24 Saturday session: Going Public: Public Service Announcements

Introduce the "Legacy Cycle" as a framework for solving the specific challenge, with "Go Public" as a Public Service Announcement.
Map out what they already know about PSAs and the problem they selected.
Review examples of successful public service announcements in terms of how they communicate a challenge, clarify solutions, and show YOU (the viewer) how to be a solution.
Teams refine their challenge into a specific challenge to research and solve, knowing they will produce a PSA in July during the Summer Academy

Lesson 4: 2/28 After school: Find Your Experts (Transition from Generate Ideas to Multiple Perspectives)

Explore the role of experts and the importance of getting multiple perspectives
Explore the disciplines and experts that study the team's specific challenge
Select possible experts to interview to get multiple perspectives on the challenge
Send interview invitations and draft interview questions
Discuss Explore UT