DIY (“Do-It-Yourself”) Girls increases girls’ interest and success in technology, engineering, and making through engaging hands-on projects and solid mentor relationships.

We want girls to apply the tech skills they learn with us to projects they love, for a community they care about.

Infopeople, a grant project of the Califa Group, is supported in part by the U.S. Institute of Museum and Library Services under the provisions of the Library Services and Technology Act, administered in California by the State Librarian.
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WHAT.

Computational Thinking Definition

Computational Thinking is the process of expressing your thinking in a formal structure that a computer can process. Similar to writing notes on a piece of paper to “get your thoughts down,” creating a program allows people to externalize their thoughts in a form that can be manipulated and scrutinized. Programming allows students to think about their thinking; by debugging a program, students debug their own thinking (Papert, 1980).
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Let’s try it.

Open Processing

open openprocessing.org in Chrome
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The Art of Coding

✅ Protocols that help

Debug

Reflect

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Let’s talk. Bring struggle out of the shadows.

Write tiny tweets about how you felt at the time.

Tell me about the hardest bit of code you debugged today.

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How did you feel when you found your code broke?

(write in your journal, talk with a neighbor, and then share)

What were some successful approaches to debugging?

(write in your journal, talk with a neighbor, and then share)
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