

Build a solar-powered race car, learn to code with Disney characters, register for IIBI

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Registration for Invent it. Build it. is open

**Invent it.
Build it.**



Invent it. Build it., SWE's flagship girls program is happening this year in Philadelphia, Pennsylvania on October 29. Invent it. Build it. is a hands-on learning opportunity that leads middle and high school girls through engaging activities exposing them to engineering. All middle school girls, high school girls, parents and educators are welcome to register for the event. **[Visit here to learn more about Invent it. Build it.](#)**

Put the Summer Sun to Use

Use the summer sun to race cars at this year's annual Junior Solar Sprint (JSS). JSS is a competition where students team up to design, build, and race their very own solar powered cars! Participation in this educational program is open to students in grades 5-8 and it's **FREE!** Students must be part of a registered Technology Student Association (TSA) chapter or compete at an approved Army host site in order to be eligible to compete.

JSS is funded by the Army Educational Outreach Program (AEOP) and is just one of the many programs in which students can become involved. **[Visit here for more information on JSS and other programs.](#)**



Disney Characters Bring Code to Life



[Code.org](https://code.org) just released a new version of an educational program that teaches you how to code. Now, students will work alongside Disney characters Anna, Elsa, R2-D2, BB-8, Princess Leia, and Rey to learn code! Visit code.org to try out the new modules and learn more about the other free programs they offer to kids and educators!

[Sign up for this new program today.](#)

iD Tech offers free online program

iD Tech offers a free and cool STEM educational learning portal for students called Tech Rocket. This online program will teach you about coding, game design, graphic design and more. [Hear what you'll learn with Tech Rocket.](#)



[Sign up for this cool new program today »](#)

Engineering Activity Challenge: July 8 – July 22

Theme: Dynamic Density Bottle

Challenge: Can you build a dynamic density bottle from material you find at home?

[Click here](#) for a guide on the engineering activity challenge.



SWENext Newsletter



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