Build, Invent, and Code Your Take-Home Laptop

Locations for this course

AGES: 10 - 12 (Must turn 10 by 12-31-18)
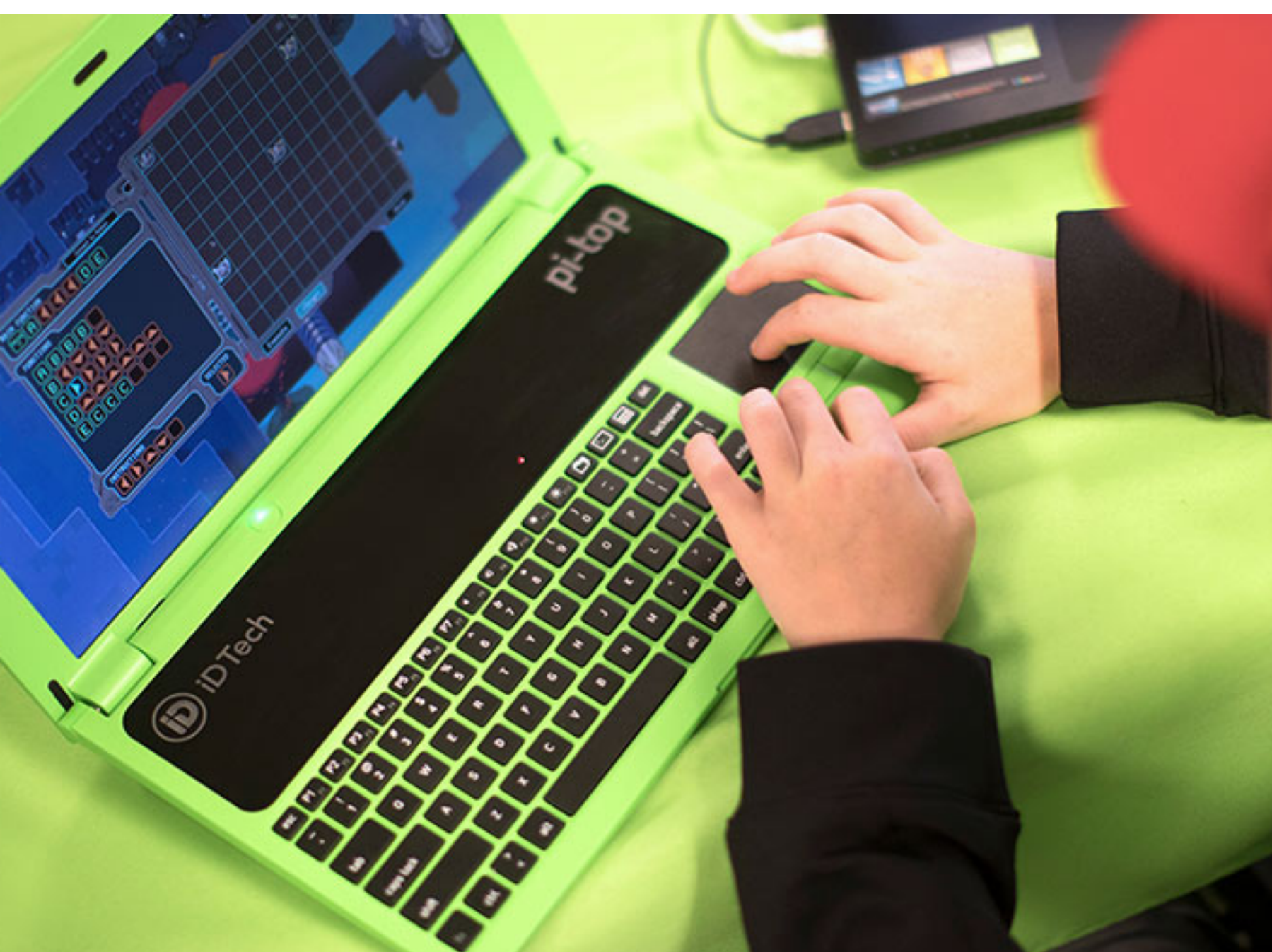
SKILL LEVEL: Beginner–Advanced

PATH: Coding, Robotics

EXPERIENCE: iD Tech Camps | Weeklong

PREREQUISITE: None

TOOLS: Python, pi-top

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Course Description

Spend your first day assembling a pi-top laptop from a Raspberry Pi and other circuit boards (that's yours to take home). Learn to troubleshoot hardware assembly and experience the thrill of booting up the laptop—that you built—for the first time. Then it's on to Python programming and electrical engineering. With an introduction to what hardware, engineering, and coding have to offer, this course has something for everyone.

Locations for this course

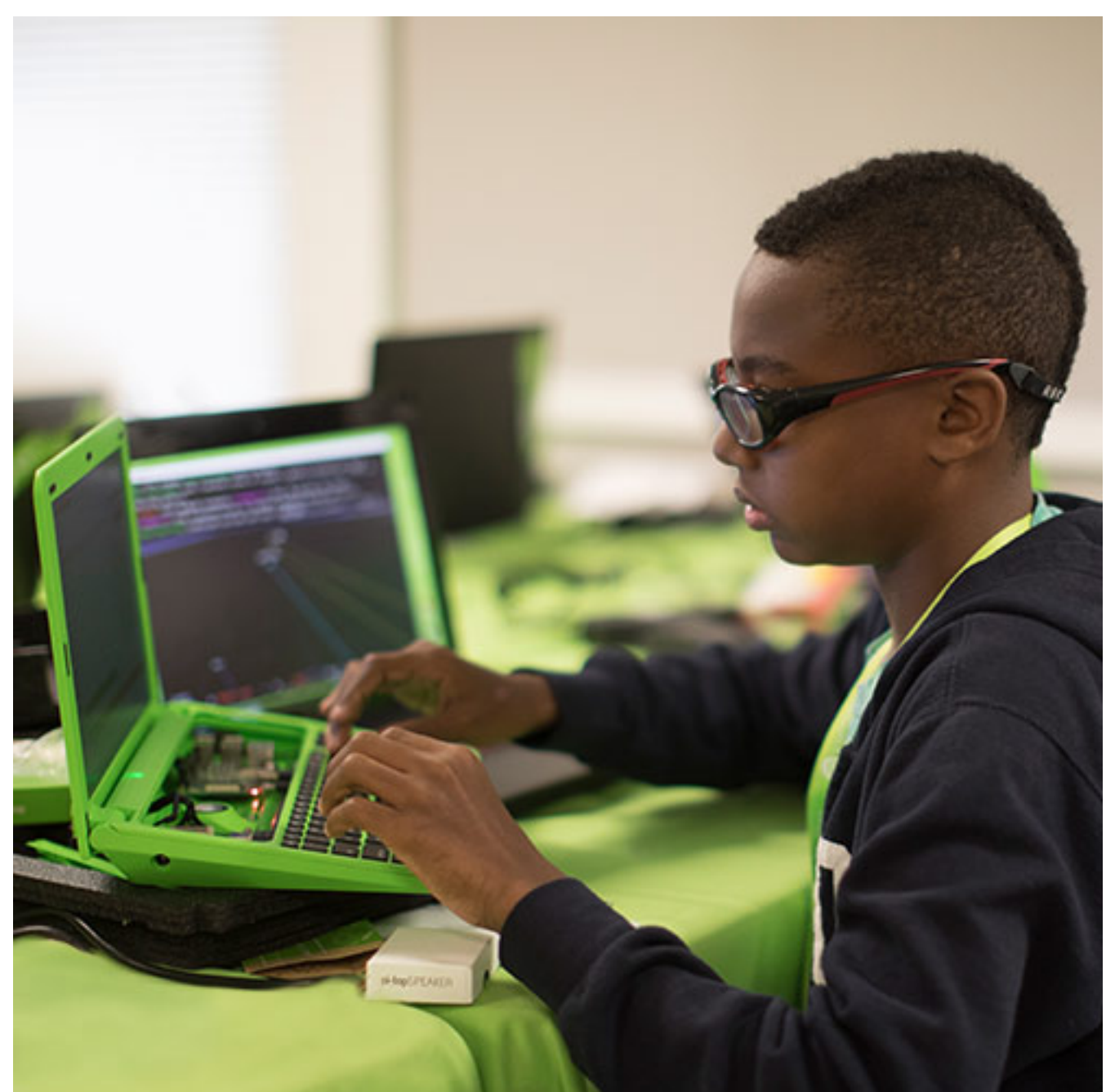**In this course, your student will:**

- Assemble a laptop
- Code with Python to create games
- Use the Linux OS
- Practice project planning and hands-on coordination skills

Your student will take home:

- Project files
- pi-top laptop

Click the button below to continue, or learn more about our Coding Path.

Locations for this course

Locations offering this course

Global Locations

- Hong Kong
- Singapore

US Locations

Arizona	Indiana	New Hampshire	Texas
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California - Southern	Maryland	New York	Washington
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