



Kids learning AND having fun over the summer? It happens at **itec** summer camps!

The Information Technology Empowerment Center (ITEC) has the solution for parents who want to keep their budding engineers, programmers and recording artists sharp all summer long—Techtronics Summer Camp!

ITEC offers programs to help middle school students stay excited about science, technology, and math, and solve problems, get creative and be part of a team.

Course Descriptions:

Lego Robotics: Using basic concepts of engineering and technology, students learn to build and control their own robots.

Game Design: Logic, art, and storytelling come together as students play and design their own games.

Digital Media: Students work with media artists to create animations, short movies or documentaries, learning how to shoot, edit, and publish their work.

3D Printing: teaches basic 3D modeling, printing and design thinking skills to highlight the importance of creativity in problem solving.

2020 Girls: An all-girls tech club that provides mentorship and builds student confidence and self-esteem.

Subject matter differs between 2020 Girls A, B, C and D:

- 2020 A: SCRATCH and Lego Robotics
- 2020 B: Game Design & App Design
- 2020 C: Raspberry Pi & 3D Printing*
- 2020 D: Web Design & Digital Media

**3D Printing offered week of August 1st only.*

SCRATCH: Students learn important mathematical and computational ideas, while learning to think creatively, reason systematically, and work collaboratively.

App Design: Students learn the magic behind the apps on their phones and tablets and then have the opportunity to design their own.

Web Design: Combining design and technological skills, students will learn how to arrange and create their own webpage

Raspberry Pi: Students will learn a programming language called Python to program their own Raspberry Pi (a credit card sized computer) that they get to keep!

**For information on camps, please contact
Shannon Fransen, Program Coordinator at
(517) 708-4392 or shannon@iteclansing.org
www.iteclansing.org**

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Information Technology
Empowerment Center

***ITEC Summer Camps offered at the
Foster Community Center
200 N Foster Ave, Lansing, MI 48912***

June 20 th - June 24 th :	Game Design 9am to noon \$100 Web Design 1pm to 4pm \$100 2020 Girls A 9am to 4pm \$175
June 27 th - July 1 st :	Lego Beginner 9am to noon \$100 Digital Media 1pm to 4pm \$100 2020 Girls B 9am to 4pm \$175
July 5 th - July 8 th :	App Design 9am to noon \$80 Lego Advanced 1pm to 4pm \$80 2020 Girls C 9am to 4pm \$180
July 11 th - July 15 th :	Web Design 9am to noon \$100 Scratch 1pm to 4pm \$100 2020 Girls D 9am to 4pm \$175
July 18 th - July 22 nd :	Raspberry Pi 9am to noon \$140 Lego Beginner 1pm to 4pm \$100 2020 Girls A 9am to 4pm \$175
July 25 th - July 29 th :	Lego Advanced 9am to noon \$100 Game Design 1pm to 4pm \$100 2020 Girls B 9am to 4pm \$175
Aug 1 st – Aug 5 th :	Digital Media 9am to noon \$100 App Design 1pm to 4pm \$100 2020 Girls C 9am to 4pm \$250
Aug 8 th to Aug 12 th :	3D Printing 9am to noon \$140 Raspberry Pi 1pm to 4pm \$140 2020 Girls D 9am to 4pm \$175

SCHOLARSHIPS ARE AVAILABLE!

Contact Alex Stevens at (517) 708-4394 for information on how to apply.

Register online today! <http://bit.ly/ITECevents>