

**AccelerateKID (formerly Kidpreneur)** Our mission is to provide quality entrepreneurship and tech education to kids K-8 to become future creators. All Classes Require: Student must bring a functional PC/Mac laptop to class. All classes and camps are located at the AccelerateKID offices at 28265 Beck Road, building C-17, Wixom, MI 48393

ROBOTICS is teaching kids about hardware and software technology. Students will use LEGO® Robotics to learn how to build and program robots using LEGO® EV3 visual programming language. The classes will teach kids how to computer program, problem solve, work in teams, presentation skills and possibly compete for robotic teams. Class and Camp Require: Student must bring a functional PC/Mac laptop to class.

**Robotics 201 Ages 7 - 14**

Students will master the LEGO® EV3 visual programming language and robotic features, complete simple to challenging tasks including Maze, Sumo, past FLL assignments and Robofest projects.

**Robotics LEGO® Challenge Camp – Full Day Ages 10 - 14**

The kids will have tasks and assignments to learn how to program the robots, understand sensors and parts, work in teams and compete in challenges. This camp will give kids the foundation to learn about applying engineering and problem solving skills. Additional Camp Requirement: Bring a packed lunch to camp.

Activity #	Class	Ages	Day	Date	Time	Resident Fee
F1315.01	201	7 - 9	Mon	Oct 3 - Oct 24	5:30 - 7:00pm	\$170
F1315.02	201	10 - 14	Sat	Oct 8 - Oct 29	10:30am - 12:00pm	\$170
F1315.03	Camp	10 - 14	Mon - Fri	Dec 26 - Dec 30	9:30am - 4:00pm	\$399
W1315.02	Camp	10 - 14	Mon - Fri	Apr 4 - Apr 8	9:30am - 4:00pm	\$399



**Minecraft** is more than just a popular video game. Students will learn about game design, computer programming, information technology and entrepreneurship through the Minecraft PC/Mac Edition. The classes teach kids how to storyboard, expand their creativity, construct mini-games and worlds, develop private Minecraft servers, program using Python and Java to MOD and more.

**Minecraft 101 Ages 7 - 9 \* Minecraft 201 Ages 7 - 14 \* Minecraft 301 Ages 10 - 14**

Full description available online at [northvilleparksandrec.org](http://northvilleparksandrec.org)

**Minecraft Classes Require:** Student must bring a functional PC/Mac laptop to class and a Minecraft PC/Mac Edition Account (NOT the Pocket, Xbox, Playstation Editions).

Activity #	Class	Ages	Day	Date	Time	Resident Fee
F1312.01	101	7 - 9	Mon	Oct 3 - Oct 24	7:00 - 8:30pm	\$150
F1312.02	101	7 - 9	Wed	Oct 5 - Oct 26	5:30 - 7:00pm	\$150
F1312.03	201	7 - 9	Thu	Oct 6 - Oct 27	5:30 - 7:00pm	\$170
F1312.04	201	10 - 14	Fri	Oct 7 - Oct 28	4:00 - 5:30pm	\$170
F1312.05	201	7 - 9	Sat	Oct 8 - Oct 29	3:00 - 4:30pm	\$170
F1312.06	301	10 - 14	Wed	Oct 5 - Oct 26	5:30 - 7:00pm	\$170
F1312.07	301	10 - 14	Thu	Oct 6 - Oct 27	7:00 - 8:30pm	\$170
F1312.08	301	10 - 14	Sat	Oct 8 - Oct 29	4:30 - 6:00pm	\$170



**Coding** (aka Computer Science) is an essential part of education equaling math, science and reading. Learning a computer programming language is like learning a foreign language so starting them young is an advantage. The classes will teach kids different programming languages, critical thinking, debugging and designing skills, game and app development, and much, much more.

**Coding 101 Ages 7 - 9 \* Coding 201 Ages 7 - 14 \* Coding 301 Ages 7 - 14**

Full description available online at [northvilleparksandrec.org](http://northvilleparksandrec.org)

Activity #	Class	Ages	Day	Date	Time	Resident Fee
F1314.01	101	7 - 9	Tue	Oct 4 - Oct 25	5:30 - 7:00pm	\$150
F1314.02	101	7 - 9	Fri	Oct 7 - Oct 28	4:00 - 5:30pm	\$150
F1314.03	101	7 - 9	Sat	Oct 8 - Oct 29	9:00 - 10:30am	\$150
F1314.04	201	10 - 14	Fri	Oct 7 - Oct 29	4:00 - 5:30pm	\$170
F1314.05	201	7 - 9	Sat	Oct 8 - Oct 29	4:30 - 6:00pm	\$170
F1314.06	301	7 - 9	Tue	Oct 4 - Oct 25	7:00 - 8:30pm	\$170
F1314.07	301	10 - 14	Thu	Oct 6 - Oct 27	5:30 - 7:00pm	\$170
F1314.08	301	10 - 14	Sat	Oct 8 - Oct 29	3:00 - 4:30pm	\$170



**School Break Camps All Camps Require:** Student must bring a functional PC/Mac laptop to camp. Max 6 students.

**Computer Building Shop Camp – Half Day Ages 10 - 14**

Will teach kids how to assemble a computer from scratch. The objective is for the kids to learn the key parts to a computer, how to assembly the parts, understand computer settings and installing operating systems. Kids will learn about Linux operating systems and key software to install for high performance. Kids will present as a group or individual about their final project.

Activity #	Day	Date	Time
F1317.01	Mon - Fri	Dec 26 - Dec 30	1:00 - 4:00pm
W1317.02	Mon - Fri	Apr 4 - Apr 8	1:00 - 4:00pm

Resident fee: \$289

**Minecraft 1 Creative Design Camp – Half Day Ages 6 - 9**

Minecraft is more than just a popular video game for kids. We use it to teach information technology, entrepreneurship and computer programming. The kids will learn about the Minecraft PC edition, how most commands work, collecting important items, setting different modes & worlds, and applying lessons to projects. Kids will present as a group or individual for their final project. **Camp Requirement:** Student must bring a functional PC/Mac laptop to camp AND a Minecraft PC/Mac Edition Account (NOT the Pocket, Xbox, Playstation Editions).

Activity #	Day	Date	Time
F1312.09	Mon - Fri	Dec 26 - Dec 30	9:30am - 12:30pm
W1312.01	Mon - Fri	Apr 4 - Apr 8	9:30am - 12:30pm

Resident fee: \$239