

ONLINE CLASSES 2024 - 2025

STEM

ROBOTICS & PROGRAMMING

LEARN CRITICAL STEM SKILLS IN A FUN WAY

Build Robots • Learn to Code • Work with Arduino Boards • Work with Sensor Tech • Solder • Have Fun



Discover the exciting world of computer science & robotics with our engaging homeschool courses! Kids have a blast building, programming, and interacting with their very own robot to keep. By working with software + hardware, students gain a solid understanding of how computerized devices are designed and function. Our Level 3 courses delve even deeper into components, soldering, and text-based programming. Don't miss the opportunity to provide your child with the most relevant and cutting-edge technology education available!

**ALL
TIMES
EST**

Online Robotics & Programming Classes

Learn STEM today. Lead the Future.™

Level 1 - Beginning

Self Paced (recorded):

Grades: All

- Online Self Paced - 1 YR Access
- \$159 course + \$59 robot = \$218

Instructor Led (live via Zoom):

Grades: 3 - 5

- Tues Sep 3 - Nov 12 9:00-10:25
- \$219 course + \$59 robot = \$278

Note: Parent Participation Required

Grades: 6 - 12

- Tues Sep 3 - Nov 12 10:30-11:55
- \$219 course + \$59 robot = \$278

Level 2 - Intermediate

Self Paced (recorded):

Grades: All

- Online Self Paced - 1 YR Access
- \$199*

Instructor Led (live via Zoom):

Grades: 3 - 5

- Tues Jan 23 - Apr 9 9-10:25
- \$289*

Note: Parent Participation Required

Grades: 6 - 12

- Tues Jan 23 - Apr 9 10:30-11:55
- \$289*

**Reuses Robot from Level 1*

Level 3 - Advanced

Instructor Led (live via Zoom):

Grades: 6 - 12

- Tues Sep 10 - Nov 12 12-1:25
- \$345*

**Reuses Robot from Level 1*

**Various HW components included*

**Soldering iron not included*

SUMMER Online Mini Courses

Instructor Led (live via Zoom)

**See Reverse Side for Details*



REGISTER TODAY!

info@homehackercamp.com 828-551-0750 (email, call, text)

Financial Aid Available. Please Inquire.

homehackercamp.com / homeschoolSTEMkids.com



COURSE ENROLLMENT FORM 2024-2025

Learn STEM today. Lead the Future.™

ALL
TIMES
EST

SEMESTER COURSES: ROBOTICS & PROGRAMMING (Online)

Level 1 - Beginning - In the **Level 1 Robotics & Programming Course** students build robots and use the computer programming language Scratch to "train" the robot to perform specific tasks (like chase your cat or dog) and complete challenges. Students learn about programming logic, loops, conditional statements, etc. They also learn how to troubleshoot, problem solve & upload programs to their robots. Students keep their robots & have the skills to work on them beyond class. **No Prerequisites. *Includes Course & Robot to keep.*

Session 1	Any Grade / Age	Self Paced	1 YR Access		\$159	_____
Session 2	Grades 3 - 5	Instructor Led	Tues Sep 5 - Nov 14	9:00-10:25	\$219	_____
Session 3	Grades 6 - 12	Instructor Led	Tues Sep 5 - Nov 14	10:30-11:55	\$219	_____
Robot:					\$59	_____

Level 2 - Intermediate - In the **Level 2 Robotics & Programming Course** students take their programming skills to the next level. We program the robots to use advanced sensor technology, to avoid obstacles & follow specific programming rules. Students get an introduction to binary and Arduino code. **Prerequisite: HHC Lvl 1 1 *Reuses robot from Lvl 1*

Session 4	Any Grade / Age	Self Paced	1 YR Access		\$199	_____
Session 5	Grades 3 - 5	Instructor Led	Tues Jan 23 - Apr 9	9-10:30	\$289	_____
Session 6	Grades 6 - 12	Instructor Led	Tues Jan 23 - Apr 9	10:30-11:55	\$289	_____

Level 3 - Advanced - In the **Level 3 Robotics & Programming** course students learn more about hardware and components through soldering projects. Students also learn about controlling their robots using Arduino code and learn some Python programming skills. **Prerequisites: Levels 1 & 2 *Reuses robot from Lvl 1 *Solder Iron not included*

Session 7	Grades 6 - 12	Instructor Led	Tues Sep 12 - Nov 14	12:00-1:25	\$345	_____
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MINI COURSES (Online via Zoom):

Intro to Game Programming Level 1 - Learn the basics of game design while programming a fun computer game.

MC1	Grades 5 - 12	Instructor Led	Tue Jun 18	9:00-11:00 AM	\$59	_____
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Intro to 2D Computer Animation - Learn the fundamentals while animating a digital character: Timing, Squash/Stretch, Follow Through, Slow In/Out, Arcs.

MC2	Grades 5 - 12	Instructor Led	Tue June 18	7:00-8:30 PM	\$45	_____
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Pmt Method:

____ Zelle ____ Cash ____ Apple Pay ____ Chk* ____ Other ____ CC**

Sub Total: _____

Convention Discount: _____

Tax: _____

**Make Checks Payable to: Home Hacker Camp*

***Add 3% for CC Transaction Fees*

Total Paid: _____

ENROLLMENT INFO

(Please Print Neatly)

Student Name _____ Age _____ Grade _____

Parent Name _____ Email _____

Parent Phone _____ Date _____