

# Zaniac for Homeschool



At Zaniac, we partner with homeschool parents to enrich and supplement your science, technology, engineering and math curriculum for your grade K-8 students. Our curriculum-driven and fun programs engage kids in creative, conceptual problem solving that builds confidence and helps them succeed. Zaniac's Asheville campus is your #1 homeschooling STEM resource.

## Zaniac Homeschool STEM Workshops:

### 3D Printing

**Tuesday, February 7, 10:00am - 12:00pm**

Learn and apply the fundamentals of 3D Printing. Utilizing the Computer Aided Design (CAD) program TinkerCAD, students will work through the design process before printing their projects on the 3D Printer. Students get to take home their designs!

### Tinkering: Intro to Circuits

**Tuesday, April 4, 10:00am - 12:00pm**

Learn the basics of electronics using littleBits® which magnetically snap together to build projects. Learn about basic inputs, outputs, analogs, electricity, and more! Zaniac instructors focus on a student's learning through hands-on prototyping, putting the power of electronics in their hands!

### Robotics: LEGO®

**Tuesday, March 7, 10:00am - 12:00pm**

Learn Robotics using LEGO's latest MINDSTORMS EV3 system to build and program complex robot systems. Develop critical-thinking and problem-solving skills. LEGO MINDSTORMS EV3 makes building, programming, and commanding your own LEGO robots smarter, faster and more fun than ever!

### Computer Programming: Intro to Scratch

**Tuesday, May 2, 10:00am - 12:00pm**

Learn the fundamentals of modern coding with Scratch. Students learn to think creatively, work collaboratively and reason systematically. Scratch is designed and maintained by the Lifelong Kindergarten group at the MIT Media Lab.

## Details:

- For kids in grades K-8
- Price: \$49 per child
- We welcome parents to stay during the workshop... infants, too!
- Edison Club Members: Enjoy a 20% discount!
- Reservations required.
- If you have a group of 5 or more homeschool students, please call to discuss creating a customized program to fit your curriculum, schedule and budget.

**Enroll online at [ZaniacLearning.com/Asheville!](http://ZaniacLearning.com/Asheville!)**

**Asheville Campus Hours**  
Mon - Fri 3:00pm - 7:00pm  
Sat 10:00am - 3:00pm  
Closed Sunday

**zaniac**  
K-8 After-School Programs & Camps

**Zaniac Asheville**  
One Town Square Blvd., Ste. 120  
(At Biltmore Park Town Square)  
828.575.0355

Zane Math • Game-Based Learning • Computer Programming • Robotics • 3D Printing • Tinkering • 3D Game Design