



B·A·S·E CAMP

Maker Day

Spend MLK Day with us for hands-on Maker fun!



JANUARY 16, 2017

8 am-3 pm Extended Camp available 3-6 pm, +\$25

Open to all children in grades K-8, from any school

Location: Brooks Middle School, 325 S. Kenilworth, Oak Park
Bring your own lunch or pre-order one from us!*
Scholarships available, visit opef.org/base-camp for details.

K - 5th K-5th graders will be grouped by age range. The four groups will move through four activities together. Each 90-minute activity will be led by a teacher with a youth counselor at hand. **\$85**

▶ **LEGO Marble Run Makers**

Get rolling on a vertical marble run! You'll design and build a tall LEGO maze and then analyze, test, and re-engineer it to make a marble snake down as fast and accurately as possible.

▶ **Fuzzy Circuit Makers**

Light up your creativity with LEDs! Using a simple sewing technique with a conductive thread, you'll see how energy from a 3V battery can make your stuffed creature or wrist cuffs glow.

▶ **Game Makers**

Are you game to get active and help your team conquer multiple physical obstacles? Get ready to strategize as a group to complete the course and create challenges for your opponents in this high energy session.

▶ **Mini Mosaic Makers**

This year, OPEF will create a dramatic community mosaic. The project begins with kids designing small ceramic pieces on Maker Day and will be completed this summer at BASE Camp.

6th - 8th Choose one of the exciting all-day workshops below. **\$100**

▶ **GADgET Girls Field Trip**

Studying will never be the same! Engineer your own working desk light and cool shade with your own unique design. You'll use soldering methods, laser cutters and other hand tools. Spend the day at Triton College (round trip bus ride from Brooks is included) working on this project sponsored by Triton's GADgET program (Girls Adventuring in Design, Engineering and Technology). **max 20 kids**

▶ **Arduino Animators**

Have you heard of a Zoetrope? It's this cool, old-school device for creating animations – no computer needed! You'll get to make one and power it using Arduino circuit board technology. Hand-draw your own illustrations or make a collage of print images to bring your animations to life through soldering, coding and circuitry. **max 20 kids**

*K-5 and Arduino Animators Camps: \$7 Domino's pizza option (cheese or sausage), plus clementines; bring your own beverage.

GADgET Girls: \$7 Jimmy John's sandwich option (turkey, turkey+cheese or just cheese), plus clementines; bring your own beverage.



Registration (and scholarship application) exclusively online! **opef.org/base-camp**