

## **Mad Science: E2-Engineering Explorers**

Build things and destroy them! Design & build bridges and "skyscrapers" using simple tools and your imagination. Participants will even construct a geodesic dome big enough for everyone to sit inside! Then the machine madness starts as you discover, build and invent with simple machines and solve problems with contraptions.

## **Mad Science: Red Hot Robotics**

Learn the basics of robotics by constructing age-appropriate robots throughout the week. Participants will gain a basic knowledge of the science of wheels, simple machines and gears. They'll experience different robotic devices like line-tracking and responsive robots. Robots go home with campers on the last day of the program.

## **Engineering Imagination: Aspiring Young Engineers Camp**

Explore the engaging world of "S.T.E.A.M." (Science, Technology, Engineering, Architecture, Mathematics) through this exciting and educational program. Participants will use a wide variety of mediums to learn about, plan and build S.T.E.A.M.-related projects. LEGO® challenges, model rockets, scale bridges, model roller coasters and 3-D architectural models...from mechanics and architecture, to renewable sources of energy, to rocketry and aviation, your child is sure to have a blast while learning along the way!

## **Engineering Imagination: Engineering FUNDamentals Camp**

Explore the fascinating world of "S.T.E.A.M." (Science, Technology, Engineering, Architecture, Mathematics) using LEGO® TECHNIC components, KEVA® building blocks, straws, popsicle sticks and recycled materials. Learn about, build and explore projects such as a 6 ft. model skyscraper, bridges, motorized vehicles and more! Participants will also experience and participate in model rocket launches and science experiments.

## **Incrediflix: Animation Flix**

In this fast paced class, you'll create up to four new stop motion movies using a different medium each day! Animate cars, Bilm with green screen, and new for 2024 you create a 2D Mario movie, and more!

## **Incrediflix: Action Stop Motion Flix**

Use stop motion tricks to create Bires, explosions, and even Bloods, as your characters battle it out or work together to save the day in this action packed stop motion class. Work in small groups to storyboard, create the action, Bilm and voice-over.

## **Incrediflix: Live Action Flix**

Discover your Bilmaking talents! You don't have to be an actor to take part, as we'll guide you through the Hollywood process to create, direct, Bilm, act and more. You won't just make an incredible movie, you'll have the skills to make your own movies.

## **Incrediflix: Lego Flix**

Bring Lego worlds to life! We provide Legos, you provide your imagination. Work in groups to create a Lego set with Lego characters for a stop-motion movie you'll storyboard, shoot and add voice-overs.

## **Art-Ventures: Splish Splash Art Bash**

This inspiring week of art-ventures sparks creativity, engagement, exploration, and individual expression. Learn about the fascinating underwater world of seahorses, sea turtles and other wonderful creatures while exploring original art forms and techniques. Design beach hats, sunglasses, and T-shirts. Create ocean slime and discover the art of mosaics while creating seashell boxes. Sculpt shimmery coral and goofy clay octopuses. Paint ceramic fish banks, and design ocean creature stuffed animals. Experience painting, printmaking, stained glass, ceramics, collage, mosaics, fabric art and working with clay.

## **Art-Ventures: Amazing Places & Faces**

Art explorers travel to some weird places while creating some wicked cool art forms dating back to when art began. Discover weird gargoyle faces and visit the amazing castles of Scotland. Experience cave painting and fossil making. Make worry dolls and totem poles. Learn about Oaxacan alebrijes while designing T-shirts. Sculpt and paint colorful Mexican pots, make bark paintings and create Haitian sequined banners.

## **Abrakadoodle: World Travel 3D Art Camp**

Create 3D masterpieces inspired by world cultures. Learn about Chinese ceramics, Croatian "licitar" hearts, Maori design carvings from New Zealand, "nicho" boxes from Mexico and more. Create art using a variety of materials, play games and understand that through art we can connect with people from all over the world.

## Mad Science: Space and Beyond

Set your future space explorers on a trajectory from our Earth's atmosphere to the outer reaches of our solar system! This hands-on program brings you closer to the stars, planets, comets and more. Learn about living in space, getting away from gravity, looking for space phenomena and participate in a rocket launch!

## Mad Science: Mad Labs

A hands-on exploration of sights, sounds, nature and more! Optical illusions, the secret components of white light and hidden rainbows, and movies explore our sense of sight. Other senses, such as taste and hearing are investigated too. Explore cells with a microscope, investigate bugs, why nutrition is so important and how ecosystems work. Explore heat, volcanoes, earthquakes and even weather!

## Food Explorers: Pasta Week \*NEW\*

Join Food Explorers for an entire week of pasta making! Everyday, you'll make your own pasta dough from scratch, and turn it into a delicious meal along with a fresh salad each day. You'll be making recipes like homemade ravioli, bowties and fettuccine with a from scratch sauce. All recipes are nut free but do contain eggs, dairy and gluten. Ingredient substitutions are not possible.

## Food Explorers: From Scratch! \*NEW\*

Join Food Explorers for a week of from scratch cooking! Each day you'll be making two recipes completely from scratch. We're talking about homemade tortillas, homemade pasta, homemade naan bread and more. Learn all about complex cooking techniques and skills in this hands-on camp. All recipes are nut free but do contain eggs, dairy and gluten. Ingredient substitutions are not possible.

| Program                  | Age/Grade          | Meets     | Time                 | Date                    | Location            | Fee   |
|--------------------------|--------------------|-----------|----------------------|-------------------------|---------------------|-------|
| E2-Engineering Explorers | Entering Grade 1-6 | M-F       | 9:00 a.m.-12:00 p.m. | June 10-14              | Gideon Cafeteria    | \$205 |
| Red Hot Robotics         | Entering Grade 1-6 | M-F       | 1:00-4:00 p.m.       | June 10-14              | Gideon Cafeteria    | \$205 |
| Aspiring Young Engineers | Entering Grade 3-5 | M-F       | 9:00 a.m.-3:00 p.m.  | June 10-14              | Gideon Classroom    | \$335 |
| Engineering FUNdamentals | Entering Grade K-2 | M,T, Th,F | 9:00 a.m.-3:00 p.m.  | June 17-21<br>(No 6/19) | Gideon Cafeteria    | \$270 |
| Animation Flix           | 7-13               | M-F       | 9:00 a.m.-12:00 p.m. | July 22-26              | SMS Art Room        | \$245 |
| Action Stop Motion Flix  | 7-13               | M-F       | 1:00-4:00 p.m.       | July 22-26              | SMS Art Room        | \$245 |
| Live Action Flix         | 7-13               | M-F       | 9:00 a.m.-12:00 p.m. | July 29-Aug. 2          | SMS Art Room        | \$245 |
| Lego Flix                | 7-13               | M-F       | 1:00-4:00 p.m.       | July 29-Aug. 2          | SMS Art Room        | \$240 |
| Splish Splash Art Blast  | Entering Grade 1-6 | M-F       | 9:00 a.m.-12:00 p.m. | August 5-9              | Academy Teen Center | \$205 |
| Amazing Faces and Places | Entering Grade 1-6 | M-F       | 1:00-4:00 p.m.       | August 5-9              | Academy Teen Center | \$205 |
| Space and Beyond         | Entering Grade 1-6 | M-F       | 9:00 a.m.-12:00 p.m. | August 12-16            | Academy Cafeteria   | \$205 |
| Mad Labs                 | Entering Grade 1-6 | M-F       | 1:00-4:00 p.m.       | August 12-16            | Academy Cafeteria   | \$205 |
| World Travel 3D Art Camp | Entering Grade 1-6 | M-F       | 9:00 a.m.-3:00 p.m.  | August 12-16            | Academy Teen Center | \$355 |
| Pasta Week!              | Entering Grade 3-5 | M-F       | 9:00 a.m.-12:00 p.m. | August 19-23            | Academy Teen Center | \$180 |
| From Scratch!            | Entering Grade 3-5 | M-F       | 1:00-4:00 p.m.       | August 19-23            | Academy Teen Center | \$180 |
| Engineering FUNdamentals | Entering Grade K-2 | M-F       | 9:00 a.m.-3:00 p.m.  | August 19-23            | Academy Cafeteria   | \$335 |