



Bricks 4 Kidz® LEGO® Engineers STEM Enrichment at Merion Elementary! Wednesdays 3:45–4:45pm



NOW Recruiting **ASTRONAUTS** and **Builders** for
MISSION TO SPACE!



Bricks 4 Kidz will blast off
March 4 at 3:45!

In this exciting after school program students will:

- learn the science behind launching things into orbit
- explore the most distant man-made object in the universe
- discuss what it is like to be an astronaut in space

Each week students will learn about real-life space exploration and build a new model related to the NASA space program.

We'll use LEGOs, gears, motors, remote controls and robotics to build, operate and discuss models including:

- Lunar Module
- International Space Station
- Lunar Rover
- Space Shuttle and Launch Pad
- Mars Rover
- Space Robot
- Satellite
- Centrifuge



- ⚙️ Wednesdays, 3:45–4:45, March 4 -May 6th, (no club 3/11 or 4/1)
- ⚙️ Cost \$120. (Advanced Registration Required. Space is Limited)
- ⚙️ Open to Students in **2nd and 3rd Grade**
- ⚙️ **Click Here to REGISTER**

Please note--once you register with Merion Clubs you will be directed to Bricks 4 Kidz to complete the club registration.

If you need assistance with online registration please contact Bricks 4 Kidz at 610-871-5346

Pssst! Here's a sneak-peek at the first model!



Lunar Module

In 1969, the American lunar module, "The Eagle", was the first manned mission to successfully land on the moon. The lunar module was the lander portion of the Apollo spacecraft, built to carry a crew of two from lunar orbit to the surface of the moon and back. Astronauts Buzz Aldrin and Neil Armstrong spent 21 hours on the surface of the moon before returning to the command module, leaving the lunar module behind on the surface of the moon. Vocabulary includes: *lunar* and *module*.

About Us

Bricks 4 Kidz curriculum was designed and created by teachers, architects, and engineering professionals. It is a hands-on curriculum that introduces children to these disciplines exploring key concepts and mechanics using LEGO bricks. Lessons from science, technology, engineering, and math (STEM) as well as language arts and social studies are integrated into every Bricks 4 Kidz program module. Modules are delivered in weekly 1-hour classes and made available in partnership with your school—so that we can bring the program right to your child's classroom. Parents will receive weekly discussion guides by e-mail to facilitate a meaningful conversation with your child about the lesson and model they built that day. At-home discussion will help your child further assimilate the newly mastered concepts and information in an exciting and meaningful way.



610-871-5346

www.Bricks4Kidz.com/KOP