



## Engineering for Kids 2020 Spring term

### After School Class at Springville Elementary School

**Name of the class: Engineering Club I**

**Class description:**

Engineers play an important role in society. Almost everything not manmade that you can perceive with your senses- touch, sight, smell, hearing, taste-has been engineered in some way. From the handle on a door, to the carpet on the floor, and the pencil you may be hold-ing in your hand - an engineer has had a role in either the design or production of the object, or even taken on both roles! Engineers use science and math to make technology that makes technol-ogy that makes our lives easier. It's also true that engineers work with more than machines-biomedical engineers are seeking ways to vaccinate the world and prevent contagious diseases, civil engineers build roads and bridges, and marine engineers use their knowledge to help pre-serve and rebuild underwater habitats for sea animals.

The activities covered in this class include various aspects of Engineering: Straw Rocket (Aerospace Engineering), Flashlight Builder ( Electrical Engineering), Marshmallow Bridge (Civil En-gineering), Green Boating (Environmental Engineering), Cartesian Diver (Marine Engineering) and Candy Cata-pults (Mechanical Engineering).

**Class dates: 4/17,5/1,5/8,5/15,5/22,5/29/2020 (6 Weeks)**

**Class time: 3:00-4:00pm**

**Age group: K-5th Graders**

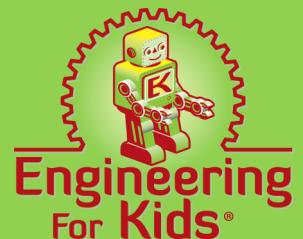
**Price: \$108 per student**

**Minimum and Maximum Number of participants: 6/24**

**Location: Multipurpose Room**

**Register Now:**

<https://app.iclasspro.com/parentportal/portlandmetro/camps?camptype=77>



**503.914.9995 | [engineeringforkids.com/portland](http://engineeringforkids.com/portland) | [portlandmetro@engineeringforkids.net](mailto:portlandmetro@engineeringforkids.net)**