



## Engineering Camp

Engineering Camp is a fun introduction to engineering for boys and girls entering grades 6, 7, or 8 who are interested in finding out more about engineering and related fields.

**Engineering** is the discipline and profession of applying technical, scientific and mathematical knowledge to solve problems.

### Participants will:

- learn engineering by doing engineering.
- create a robotic device learn how to program their device to compete against other participants to perform a specific task.
- be introduced to a CADD program, currently used in the engineering fields, to be able to create custom parts.
- learn how the 3-D printer makes their custom parts from their CADD plans.
- make connections to several different types of science, engineering and manufacturing concepts.
- be able to make better decisions about their future educational options

The camp will be held between the Bow Memorial Middle School Technology Lab & the Bow High School Engineering Lab

**Dates:** Summer 2010: August 9-13      **Cost:** \$200    Minimum participants – 12      Maximum 20

### Daily Schedule

7:30 – 7:55 a.m. Student Drop off

8:00 – 10:00 a.m. Lab Session

10:01 – 10:15 a.m. Break

10:16 – 12:00 p.m. Lab Session

This program is a 1/2 day camp for students entering grades 6, 7 and 8. Check-in will be Monday, August 9th and the close of camp will be 12:00 p.m. on Friday, August 13th. A student exhibition and closing luncheon will be held on Friday, family and friends are welcome to join in! Throughout the week, students will provide their own snacks.

**Camp Faculty:** Stan Wawrzyniak Engineering Teacher Bow High School [swawrzyniak@bownet.org](mailto:swawrzyniak@bownet.org)

Curtis Edwards Engineering Technology Teacher Bow Memorial School [cedwards@bownet.org](mailto:cedwards@bownet.org)

### Registration Information

Please send the registration form to: [cedwards@bownet.org](mailto:cedwards@bownet.org) Phone (603)-225-3212 Fax (603)-228-2228

A non-refundable \$50 deposit is required with your registration. Registrations will be on a first- come first-serve basis. Please register early, there are limited seats available! Please see [www.bownet.org](http://www.bownet.org) to download a registration form. Registration with full payment is due to the Bow Memorial Office by June 4th. Checks should be made payable to *Bow Memorial School*. For more information call Bow Memorial School office at 225-3212.



**Registration Form**

Female  Male

Grade entering this fall: \_\_\_\_\_

School: \_\_\_\_\_

First Name: \_\_\_\_\_

Last Name: \_\_\_\_\_

Address: \_\_\_\_\_ City, State, Zip: \_\_\_\_\_

Phone #: Home \_\_\_\_\_ Cell: \_\_\_\_\_ Work: \_\_\_\_\_

Parent E-Mail Address: \_\_\_\_\_

Please circle the participant's shirt size:        S        M        L        XL

Check (made payable to; Bow Memorial School)

**Parent/ Guardian Contact Information**

Name: \_\_\_\_\_ Phone# \_\_\_\_\_

Name: \_\_\_\_\_ Phone# \_\_\_\_\_

Friend or relative who would be willing to assume temporary care of your child if you cannot be reached:

Name: \_\_\_\_\_ Phone#: \_\_\_\_\_

Students Physician: \_\_\_\_\_ Phone#: \_\_\_\_\_

List any allergies, medications, or medical conditions:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Please list any concerns you feel that the instructors should be aware of in regards to your child:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

I request that the school call me if my child is seriously injured or ill at school. In the event of a medical emergency and I cannot be reached, this authorization gives consent for the school to call the physician listed and to follow their instructions or seek emergency medical assistance as needed.

Signature of Parent/Guardian: \_\_\_\_\_ Date: \_\_\_\_\_