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# READY, SET LAUNCH!

## Rocketry Camp

**BILLINGS FAMILY YMCA**

**This camp is an introduction to model rocketry. Learn how to build model rockets and learn about the science needed to launch your own rocket.**

**Space is limited!**

406-248-1685  
402 N. 32<sup>nd</sup> Street  
Billings, MT 59101  
[www.billingsymca.org](http://www.billingsymca.org)



## **PROGRAM INFORMATION:**

### **AGE:**

- 3<sup>rd</sup>-6<sup>th</sup> Grade

### **COST:**

- Members: \$135 (\$155 after August 6<sup>th</sup>)
- Program members: \$160 (\$180 after August 6<sup>th</sup>)
- Non-members: \$210 (\$230 after August 6<sup>th</sup>)
- Full day camp option is available for an additional \$45 for the week
- **Full day campers will be charged a one-time, non-refundable \$30 registration fee**

### **DAILY ITEMS NEEDED FOR FULL DAY CAMPERS:**

- Healthy lunch on Wednesday and water bottle
- Swimming suit and towel
- Tennis shoes, No flip flops!
- Sunscreen (applied before Camp starts)

### **CAMP INFORMATION:**

- **Week 11** Monday-Friday August 14-18
- 9:30am-12pm (5 day camp)
- Half day campers must be picked up at 12pm. Late pick up fee may apply
- Children enrolled in full day camp will transition in with Traditional camp and meet up with the Wednesday field trip.
- **Space is limited!** This camp is for 3<sup>rd</sup> grade through 6<sup>th</sup> grade only.
- This camp is an introduction to model rocketry. You will learn to build model rockets by building two skill levels from one rocket kit. You will be introduced to the forces acting on the rocket, the parts of the rocket, stages of rocket flight, rocket motors, and physics of motion-aerodynamics. You will also have sufficient engines to launch each rocket twice, for a total of four rocket flights. When this is completed, you will have completed the requirements for the Mercury level of the Nation Association of Rocketry's NARTEK Cadet Program.

### **PROGRAM LOCATION:**

- Billings Family YMCA.

### **REGISTRATION INFORMATION:**

- Members: April 1, 2017
- Non-Members: April 15, 2017

[Click here to register online today!](#)