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**Office:**

## Astronomy Day Schedule of Events

3:00 pm – 5:30 pm

### **Solar Observation**

– Learn about the Sun and safely look at it through our big telescope.

3:00 pm – 5:30 pm

### **Bottle Rockets Build and Decorate**

– Design and build a water powered bottle rocket then decorate it to be the best looking rocket in the skies when we launch them later in the day.

– Note: You don't have to wait for Astronomy Day to build your rocket for the competition. If you would like, you can build it at home ahead of time and just bring it with you on Astronomy Day. See our website for helpful links on how to build a good bottle rocket: <http://webs.wichita.edu/lapo>

4:15 pm & 5:15 pm

### **Scale Model of the Solar System**

– Walk through a giant scale model of our solar system and discover its vastness..

5:00 pm

### **Rocket Powered Go-Cart Demo**

– Watch as our CO<sub>2</sub> powered go-cart zooms around the parking lot track.

5:15 pm

### **Bottle Rockets Judging**

– Judges decide whose bottle rockets are the best looking and will award prizes.

5:45 pm

### **Bottle Rockets Launch**

– Win a prize if your bottle rocket stays in the air the longest.

7:30 pm – 10:00 pm

### **Moon & Planets**

Observe the Moon and Uranus and find out what we have discovered about them over the last 90 years.

The Lake Afton Public Observatory is operated by the Fairmount Center for Science and Mathematics Education, a part of the Fairmount College of Liberal Arts and Science at Wichita State University.

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