

See the world... from space!

Participate in The Works' balloon
launch with your family

Saturday, May 7th
9:45 AM - Noon

(Rain Date: May 21st)

Oakwood Elementary School
17340 County Road 6, Plymouth, MN 55447

Program at 10 AM, launches at 10:45 AM & 11:15 AM
Hands-on activities until noon

Free! Donations appreciated.



The Works plans to launch 2 weather balloons into near space! Each balloon will carry a payload consisting of still cameras, HD video cameras, and other data capturing equipment such as thermometers, altimeters, barometers... possibly even a Geiger counter.



The balloons will travel to an altitude of over 90,000 ft (over 17 miles up!) before the balloons pop and parachutes bring the payloads back to earth. Each payload will include GPS tracking devices that will transmit their location to a website where everyone can track each balloon's progress and see where it lands! We hope to provide real-time pictures and other data from the payloads, depending on cellular network coverage of the flight path.

The Works is inviting interested families to come and participate in the launch and other science and engineering activities. Prior to launch, the launch team will conduct a demonstration of how the balloons, parachutes, and payloads are assembled and how the team determines how

much helium to use. The launch team also will show a map that predicts the path of the balloon from launch to landing. After the launch, our launch team will set out to retrieve the balloons (they will likely land a couple hours away in Wisconsin), and families can follow the balloons in real-time and get reports from the retrieval team via Mission Control.

This is the perfect opportunity for families to participate in an innovative hands-on project!

*Coordinated by The Friends of The Works with support from the
University of Minnesota Aerospace Engineering and Mechanics Department.*

where kids explore how things work



www.theworks.org