



30 Venture Way  
Bangor ME 04401  
(207) 990-2900 / (207) 990-2040 fax  
[www.astronaut.org](http://www.astronaut.org)

## EXPLORATION LAB

Challenger Learning Center's Exploration Lab is a science adventure that gives students in grades K-5 the opportunity to explore the nature and processes of science and engineering. The program stands alone as an exploration into hands-on math and science set in our simulated Mission Control and Space Lab environments. Students will gain practice in concrete scientific skills that easily transfer to other science activities, both in and outside of the classroom. Exploration Lab is tied directly to the latest Maine learning standards.



**Send your students on a journey to space!**

### **Skills:**

- Developing and testing hypotheses
- Observing and testing magnetism
- Using a balance
- Adding a list of numbers
- Summarizing information
- Labeling latitude and longitude
- Transferring information from a map
- Communicating over a headset
- Following directions
- Recording results
- Using a robotic arm to gather results
- Viewing and recording visible spectrum gases
- Working within a glovebox
- Recording and comparing data



Exploration Lab missions run for two hours. No teacher professional development workshop is required, however, while you are at Challenger, visit the NASA Education Resource Center and help yourself to resources to take back to your classroom. You will also receive post-mission activity suggestions.

**Call (207) 990-2900 ext. 3 to reserve your Exploration Lab!**