



Out Reach and Mini Missions

Contact Name: _____ Position: _____

Organization Name: _____ Phone: _____

Address: _____ Fax: _____

City: _____ State: _____ Zip: _____

Email: _____

Total Number of Participants in program: _____ Total Number of Programs desired: _____

Preferred time of day: 9-11am 1-3 pm 6-8 pm

Location: At center _____ At Community Site: _____

Preferred dates (M-F, call for availability): _____

Program Activity Choices:

(All at Center programs include a tour of Mission Control and the Space Station)

Communication Activity: A Hands-on communication activity using the headsets in Mission Control and the Space Station to build a Lego module or a paper airplane. Age appropriateness: 9-70+.

Water Rockets: Construction and launch of water rockets. The students explore Newton's Third Law. Age appropriateness: 7-70

Paper Rockets: Construction and launch of paper rockets. The students explore the forces of flight. Age appropriateness: 7-70+

Bernoulli's Principle: Bernoulli's Principle activities. (Lift, Drag, Speed, Shape). Age appropriateness: 9-70+

Astronaut Life: A discussion/ power point on astronaut food and an astronaut obstacle course demonstrating the difficulties of working in a spacesuit.

Age appropriateness: 9-70+

Spectral Analysis: Various light related activities. This may include: Radiation detection beads, Experimenting with blocking UV rays, Spectra Analysis, Secret Messages with red and green filters. The students study about the electromagnetic spectrum. Age appropriateness: 10-70+

Problem Solving: Five different robotic arm challenges and glove box and life-support experiments. Age appropriateness: 9-70+

Planets: Activities on planet distance, size and descriptions. Including fun activities like Planet Cards, Planet Bingo. Age appropriateness: 7-70+

Newton's Law: An activity demonstrating one or more of Newton's three laws. Age appropriateness: 7-70+

Earth from Space: Using satellite photos to learn how scientist finds out about weather phenomenon and landform changes. The students use a fun BINGO game to learn the landform features from space. 10-70+

ISS: Engineer your own space station! The students will learn about how the International Station was built and what happens up there. They will create their own model of the ISS. 9-70+

Model Mars: The students will develop a Mars Settlement based on what they learn about the Mars environment and human needs. 9-70+

Pick your own topic: Do you have a topic you would like us to teach about? We have many other ideas and can use them to meet the needs of your curriculum.

Billing:

Program	Cost	Program Choices:	Total
Initial Program	\$150		
Additional Activity	\$50		
Additional Activity	\$50		
Travel	\$.38/mi.		
			Check # _____ PO # _____

Payment in full is due within 30 days of reservation or 30 days prior to the program date, whichever is earlier.

The registration fee is nonrefundable if program is cancelled less than 2 weeks prior to scheduled date.

Please mail this completed registration form to:

CHALLENGER LEARNING CENTER OF MAINE
 30 Cleveland Street
 Bangor, Maine 04401
 Phone 207-990-2900 Fax 990-2040
 Online registration: www.clcofme.org