



## Dresser-Rand Challenger Learning Center of The Twin Tier Region

Director: Fred Welch  
Phone: (716) 379-8686

[Fred@DRCLC.org](mailto:Fred@DRCLC.org)  
Fax: (716) 379-8687



### Missions and EVAs Registration (Middle School Grades 5 and up)

School/Group Name: \_\_\_\_\_

Address: \_\_\_\_\_  
*Street*
*City*
*State*
*Zip*

Contact Person: \_\_\_\_\_ Telephone: \_\_\_\_\_

Email address: \_\_\_\_\_

Is your school interested in Teacher Professional Development Workshop?     Yes     No

#### Simulated (2-hour) Missions:

**Rendezvous with Halley's Comet using the Center's Simulator** . . . . . \$800  
 Comet Halley, which orbits the Sun approximately once every 76 years, is once again passing through the inner part of our solar system. Our mission is, to study the comet from an Earth-orbiting spacecraft. The crew will help construct a space probe, study rock samples, navigate the ship, and keep the crew alive and safe.

▪ Rendezvous with Comet Halley missions are designed for ages 11 and above and can accommodate groups of 16-30 people.

**Voyage to Mars using the Center's Simulator** . . . . . \$800  
 Our mission is to replace the existing crew who has manned Mars Control for the past two years. Control of the incoming flight has been transferred from Mission Control in Houston to Mars Control at Chryse Station. Mars Control must safely guide the Mars Transport Vehicle (MTV) into Martian orbit and to a safe landing. Before the returning crew begins its journey back to Earth, a probe will be launched to one of the Martian moons to gather data.

▪ Voyage to Mars missions are designed for ages 13 and above and can accommodate groups of 16-30 people.

**EVA(s)** (*Extra Venue Activity*) are 2 hour hands on, STEM activities all tied to The Common-Core . . . . . \$125

- Our Great Rocket Design Challenge (GRDC)** applies rocketry principles to design, construct, test and launch an air-powered rocket using real-world problem-solving simulation. Teams will form rocket companies and compete in a commercial endeavor to construct a rocket. Through a strong interdisciplinary approach balancing science, technology, engineering and mathematics, the teams will develop a budget, purchase construction materials and track expenditures while designing and constructing their rockets.
- ENGINE WORKS** Motors are used in many facets of our lives. Most people don't think about how they work or what causes them to not work. This program offers answers to these questions and more. Participants will use tools to fully dismantle a lawnmower engine and learn about the inner workings of a gas powered combustion engine. They will then have the challenge to reassemble the motor into a working machine. At the conclusion of this activity, participants will have a better understanding of how an engine works and it's basic engine parts.

Mission Request    -Comet    -Mars   Date(s) \_\_\_\_\_ Total Students \_\_\_\_\_ Grade(s) \_\_\_\_\_

Mission time slots available:    9:00 to 11:00    11:30 to 1:30     No Preference

Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_ Lunch, Brown Bag in Center?    Yes    No

**BILLING INFORMATION** Billing Address (if not the same as the school information)

Institution: \_\_\_\_\_ Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Accounts Payable Contact Information: Name \_\_\_\_\_ Phone #: \_\_\_\_\_

**AMOUNT DUE:**

Total number of participants (students): \_\_\_\_\_ Number of missions required: \_\_\_\_\_

(1 mission = 18 to 30 students); (2 missions = 31 to 60 students); (3 missions = 61 to 90 students); (4 missions = 91 to 120 students)

Total # Missions: \_\_\_\_ x \$800.00 = amount due for missions: \$ \_\_\_\_\_

**EVA** (*Extra Venue Activity*), Hands-on STEM offerings:

Number of GRDC groups \_\_\_\_ x \$125.00 = amount due for GRDC: \$ \_\_\_\_\_

Number of Engines groups \_\_\_\_ x \$125.00 = amount due for GRDC: \$ \_\_\_\_\_

Total due (Sum of amount due for missions and GRDC):

\$
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**Teacher training presented at our facility** (Required for all teachers) Please list the teachers that need training.

\_\_\_\_\_

**NYS schools: copy of COSER authorization form for the total number of missions needed.**

**Others: Check # \_\_\_\_\_ or PO # \_\_\_\_\_ (full amount)**

**This form must be returned to us NO LATER THAN two weeks (2 weeks) before your scheduled mission by fax or US-mail**

**Dresser-Rand Challenger Learning Center Policies**

**Payment policies:**

- A copy of the **NYS BOCES COSER authorization form**, a **purchase order** or a **check** must accompany your **Registration Forms**.
- **BOCES COSER information:**
- COSER 402 is used for Challenger Learning Center mission payment by NYS schools.
- NYS schools can get substitute reimbursement for teacher training using COSER 529.
- NYS districts outside the Cattaraugus-Allegany BOCES should check with their local BOCES about Cross-Over COSERs.
- **Payment by Purchase Order:** Purchase Orders will only be accepted for the total amount. Partial-payment purchase orders cannot be accepted and will NOT reserve your mission(s). A signed purchase order will reserve you mission(s). If your BOE/school requires a signed Purchase Order to facilitate payment, we will accept an attached or faxed purchase order and will return it with our signature promptly. Our fax number is 716-379-8687 ATTN: Fred Welch, Director. We appreciate your cooperation in this matter.
- **Payment by Check:** Checks for the full mission cost should be made payable to **Challenger Learning Center of the Twin Tier Region, Inc.**

**Cancellation/Re-scheduling Policies**

- Schools canceling their mission(s) for other than emergency purposes with less than one month notice (20 school days) will be billed \$100 per mission.
- Missions may be re-scheduled up to one month prior to your original scheduled mission date. Please note: first choice for mission times may not be available when re-scheduling.

**Snow (weather) policy:**

- Please call 716-379-8686 if you are unable to attend due to inclement weather. The Challenger Learning Center will call you if we are closed due to weather.
- When the Challenger Learning Center or your school district is closed due to weather, we will re-schedule your mission(s) at no additional fee.

My signature below confirms that I have read, understand and accept all of the policies as stated on behalf of my school as part of the Registration Contract with the Dresser-Rand Challenger Learning Center.

\_\_\_\_\_  
**Administrator's Signature** (Supt. or Principal or Curr. Coordinator)

\_\_\_\_\_  
**Date**

**This form must be returned to us NO LATER THAN two weeks (2 weeks) before your scheduled mission by fax or US-mail.**