

**NEW LONDON EDUCATION FOUNDATION**

**MINI-GRANTS for TEACHERS  
2007-2008**

*Application*

1. Name of Teacher(s) Jody Barthel
2. School's Name SEMI Program – All 4 Elementary Schools
3. Grade Level(s) 5 Number of Students Involved 50
4. Name of Proposal SEMI-CHALLENGER eMission: Moon, Mars and Beyond
5. Amount of Money Requested \$500
6. a. Project Description:

Goals: To initiate a collaborative partnership between New London's SEMI students and the Challenger Learning Center's innovative program for digital learning.

Objective: Employing the technology, training and curriculum of the Challenger's eMission approximately 50 SEMI students in 5<sup>th</sup> grade who currently study the Great Solar System will engage in missions based on authentic space science and math.

Benefit: In developing a pilot program between the Challenger Learning Center and the SEMI students New London would be establishing a collaborative partnership with a technological institution that is slated to be built on the NLHS campus. Through this partnership New London could be in the forefront of creating innovative curriculum through digital learning. It should not be forgotten that the SEMI Program is based upon the Christa McAuliffe Fellowship Grant that Mrs. Barthel was awarded in 1999-2000 from the SDOE and endorsed by the NLBOE. It only seems fitting that in honor of the Challenger and in recognition of Christa McAuliffe's sacrifice that a collaborative partnership with the Challenger Learning Center be fostered.

- b. Budget for expenditures. \$500 – To offset the cost of 50 students participating in this collaborative project. Any additional costs will be paid by the SEMI Program.