**Great Explorations in Math and Science (GEMS) and NASA Earth and Space Science Workshop**

Made possible by NASA funding

**Pierre, South Dakota GEMS Network Site**

**Wednesday-Thursday, May 28-29, 2008**

**Workshop Presenters:**
Laura Peticolas, Nahide Craig
Space Sciences Laboratory, University of California, Berkeley, CA

**Agenda, Day One**

8:30  Welcome and Introductions

8:45  GEMS Real Reasons for the Seasons (Activities 1-6)

11:30 Lunch & Private Universe DVD with Discussion

12:45 GEMS Real Reasons for the Seasons (Activities 7-8)

2:15  Mapping magnetic fields

3:15  Sun_Earth Connection talk and discussion

4:15  Evaluations

4:30  End of Day One

The agenda for day two is on the back.
Agenda, Day Two

8:30  Reflection on the previous day

8:45  GEMS Living with a Star (Activities 1-5)

12:00 Lunch & Black-Out Movie with Discussion

1:15  Living with a Star (Activity 6)

1:45  Physics behind the Space Weather - electromagnetism in the classroom

2:45  Jump-Rope Generator and discussion

3:15  Evaluation

3:30  Workshop Ends