



Solar Dynamics Observatory RISE Fellowship

Research and Innovation in Science Education

Dear Educator,

Thank you for your interest in the RISE teacher fellowship program from NASA's Solar Dynamics Observatory mission. The purpose of this program is to form a long term relationship with local teachers, giving them access to NASA resources, professional development and classroom support. The RISE Fellowship is open to teachers in the DC metro area who teach in grades K-12. In the first year of this program **6 teachers** will be chosen as fellows. Those teachers will be invited to participate in the following schedule:

Fall 2010	Spring 2011	Summer 2011
Welcome Reception	Classroom Guest Speaker	Summer Planning Session and reunion
2 Professional Development Workshops at Goddard	2 Professional Development Workshops at Goddard	
Online Professional Development from NSTA	Guest Speaker	
2 Class Visits (depending on curriculum needs)	2 Class Visits (depending on curriculum needs)	
1 Field Trip (Spring or fall)	Closing Reception	

Benefits include:

- Each teacher will be partnered with a scientist to use as a resource during the year.
- Use of Spark Probes on loan from SDO education team
- AAE Membership
- Classroom visits from NASA education professionals
- NSTA Learning Communities membership
- Classroom materials support

Teachers selected for the fellowship will be required to meet minimum participation requirements and have the permission of their principal. In addition, teachers will need to participate in our program evaluation. Program evaluation requirements will include the following:

- Professional development workshop feedback surveys (end of workshops- 10 minutes to complete)
- Teacher capacity survey (beginning and end of school year- 15 minutes to complete)
- Telephone interview (end of school year – 30 minutes)
- Teacher implementation surveys (3 times over course of school year – 15-20 minutes to complete)
- Student classroom visit/field trip feedback surveys (15 minutes to complete)

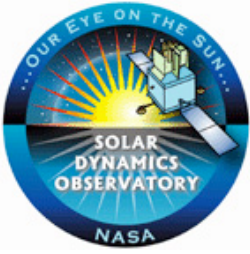
- Student interest survey (beginning and end of school year- 20 minutes to complete)

To apply to become an SDO RISE Fellow, complete the attached form and checklist, and send them to the address listed by **September 10, 2010**.

Finalists will be notified by **September 20th** and will be scheduled for a phone interview.

Fellows will be selected by **September 30th, 2010**.

Mail to:
RISE Teacher Fellowship Application
C/O Aleya Van Doren
Mailstop 671
B 21 Rm 191
NASA Goddard Space Flight Center
Greenbelt MD 20771



SDO RISE Fellowship Application

Personal Information

Name:

Address:

Email Address:

Telephone number:

School Information

School Name:

School Address:

Phone number:

Grades taught:

Typical number of classes taught per day:

Typical number of students per class:

Period length:

When submitting this application please include:

- Application letter (200-500 words) explaining 1) how you would benefit from participating this program, 2) describing the population you teach, 3) and how they will benefit from this as well.
- Sample lesson plan showcasing your best work.
- Letter of approval from administration giving you permission to participate in the fellowship. (Sample is attached. Please feel free to customize it for your administrator.)
- Signed letter of intent. (Attached)

Administrator Letter of Approval

Date:

Solar Dynamics Observatory
Education and Public Outreach Team
B 21 Rm 191
NASA Goddard Space Flight Center
Greenbelt MD 20771

Re: SDO RISE Teacher Fellowship Application

Dear SDO Team,

I am writing to indicate my consent for _____ to become an SDO RISE Fellow. I have reviewed the details of the program and understand the scope of their commitment. I acknowledge that they will be participating in professional developments and receptions at Goddard Space Flight Center, receiving visitors in their classroom from NASA, and taking students to Goddard for a field trip. I approve of their participation and agree to support them in their endeavor.

Sincerely,

(Administrator signature
School information.)

Teacher Letter of Intent

Date:

Solar Dynamics Observatory
Education and Public Outreach Team
B 21 Rm 191
NASA Goddard Space Flight Center
Greenbelt MD 20771

Re: SDO RISE Teacher Fellowship Application

Dear SDO Team,

I am writing to confirm my participation in the SDO RISE Teacher Fellowship. If chosen to be a fellow, I agree to participate in the schedule of the events to the best of my ability, and fulfill the requirements for evaluation. I have reviewed the details of the program and understand the scope of my commitment. I acknowledge that I will be participating in professional developments and receptions at Goddard Space Flight Center, receiving visitors in my classroom from NASA, and taking students to Goddard for a field trip.

Sincerely,