



## **Monday September 25<sup>th</sup> NEOGEO meeting for all Fellows, teachers and personnel**

### **Teacher / Fellow roundtable discussion notes**

#### **Instruction**

One of goals of this discussion is to open the channels of communication between Fellows and teachers. Once Fellows and teachers are paired, we hope that this open dialog will continue throughout the school year.

Please discuss in your groups as openly as possible the following questions. Take about 5 minutes to address each question. One person from each group should take notes and should orally summarize the main points for all participants at the end of the discussion.

#### **Results of discussion**

##### **1. Why do you want to be part of this program?**

- Bring content research into classroom
- Bring experts into classroom
- Collaborate on research and teaching
- Learn how the classroom dynamics work
- Potentially gives kids a direction to move in the future as they see a real scientist in the classroom that is closer to their own age.

##### **2. For teachers**

###### **a. What would you like the Fellows to be able to do for you?**

- Guide discussions on specific content
- Give input to teachers on content area
- Let kids see passion of Fellows doing research
- Let kids see someone else who is essentially doing the same thing they are doing (studying science)
- Let kids understand that the Fellows are students too
- Bring fresh ideas for new activities
- Put together extra classroom materials when teachers don't have time
- Incorporate more technology into the classrooms
- Help teachers to find resourc



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**b. What do you believe you can offer the fellows?**

- Provide experience in the classroom
- Give exposure to a real classroom experience
- Provide expertise on how learners learn
- Provide mentorship in the teaching process
- Offer some insight into how young minds work
- Influence Fellows with their passion for teaching
- Help Fellows to communicate on a different level

**3. For Fellows**

**a. What would you like the Teachers to be able to do for you?**

- Help Fellows interact with students
- Help Fellows define Fellow role in classroom (e.g. How are they allowed to deal with disciplinary issues)
- Tell Fellows what their plans are for the next few weeks
- Bounce ideas off the Fellows
- Give advance notice of activities
- Help Fellows determine what management skills they need

**b. What do you believe you can offer the Teachers?**

- Help with content
- Prepare additional units or activities
- Bring in more concept building ideas
- Keep everyone excited about science
- Relate science to the every day
- Lend expertise

**4. What activities or types of activities do you foresee working in classrooms as a Fellow / teacher team? Why?**

- Relate local resources and the environment to the bigger picture (e.g. how can Grand Canyon FOSS example be explained using local environment)
- Explore interdisciplinary connections that address more than one set of standards
- Increase the use of technology in the classroom, especially computers
- Integrate other areas of the curriculum into class activities (e.g. Math & reading)
- Develop projects for gifted and special ed. Students
- Integrate activities like charting
- Help train students in GLOBE atmospheric protocols learned in SATELLITES.



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**5. As a teacher or Fellow, you observe the other explaining a concept to students that is either not quite correct or too convoluted for students to understand. How do you deal with this?**

- Everyone would like to reach a comfort level through trust that they feel they should be able to speak up and discuss issues
- Let K-12 students know that teachers and Fellows are learning off of each other
- Everyone should realize that it's OK to Say "I don't know – I'll get back to you". It helps K-12 students realize that science is a process
- Arrange meetings and preparation time before classes
- Teachers would like it if the Fellows spoke up and stated something more directly or simply
- Fellows would like the intervention from the teachers also – they want to be re-directed
- Fellows would like to know where K-12 students are within the curriculum
- Work as a team

**6. Communication is key to teacher / fellow team success. How do you see foresee communicating needs, issues, and information?**

- Make sure preparation time is built into plans (either by meeting, e-mailing, or phoning)
- Everybody in the program should be in-sync with each other, that is it would be useful if all Fellows know what other Fellows were doing, and if all teachers knew what other teachers were doing. This way other expertise can be called upon as needed