

Attention Science and Math Teachers

PNM Power Camp Wants You!



Receive a stipend to Design and Teach a Project Based Learning Unit

Apply by February 28, 2014 Notification by March 21, 2014

If you are a middle school math teacher or a high school science teacher (biology, chemistry, or physics) and want to:

- Develop a better understanding of NGSS in a supported, low teacher-student ratio environment
- Develop a better understanding of CCSS math standards
- Develop fun, hands-on activities incorporating math and science
- Generate a powerful learning experience for kids inspiring math and science skills
- Work with colleagues from different schools in math and science disciplines
- Get a better understanding of the energy industry and its applications to your discipline
- Network with energy industry professionals as resources for your content area
- Ignite students' desire to learn math and science
- Inspire students to set goals for success
- Learn about and expose students to careers available in the local energy industry
- Earn some extra money

... Then apply to teach for the PNM Power Camp!

The PNM Power Camp is **four one-week, full-day camps focusing on the energy industry**. This summer program targets rising seventh grade students and is limited to forty students per week. It consists of four areas with one teacher for each area: chemistry, biology, physics and math. Each teacher is expected to teach for one week. Students rotate through each discipline and perform a hands-on activity relevant to the energy industry.

Selected teachers will be supported by PNM volunteers who come in for 'Career Chats' at specified times. These chats would be relevant to the topic of the day.

Selected teachers are expected to **identify one teen helper** to assist them during the week of camp. *This teen helper will receive a small stipend through the grant.* Although teachers may apply individually, **teacher teams from a single school will be given priority.**

If you would like to apply, please submit:

- Teacher Information
- Statement of Commitment
- Completed application form
- Sample unit plan on energy (science) and creative lessons relative to energy (math)
 - You may use any of the five templates found on APS BlackBoard
 - Can be a lesson plan previously submitted to your principal
 - Please note that the Understanding By Design template found on APS Blackboard (insert link) will be used during collaboration.

Teacher Benefits:

- You and colleagues will engage in facilitated collaboration within content areas, across content areas (math/science) and across grade levels (MS/HS) approximately fifteen (15) hours for program planning and review. Please note that the program review session will occur after the final week of camp. (Dates TBD)
- Supplies and materials will be provided as identified during planning.
- You will earn a flat-rate stipend of \$1125 at the completion of your teaching week.
- You will have access to energy industry professionals as a resource.

When:

Facilitated Collaboration:

April 5 8:00 a.m.-1:00 p.m. Location TBD*
April 9 tentative, time and location TBD
May 1 tentative, time and location TBD
June 5 tentative, time and location TBD

Summer 2014:

Session A: June 16 - 20
Session B: June 23 - 28
Session C: July 7 - 11
Session D: July 14-18

Facilitated Collaboration/ Program Review:

Date and time TBD

Topics:

- Energy (General)
- Energy Generation
- Energy Distribution/ Transmission
- Energy Efficiency
- Energy: Making the Connection

How to apply:

The attached member information, statement of commitment, application with signatures along with a lesson plan for each applicant must be received by **Friday, February 28, 2014**. Send to Suzanne Johnson, STEM Resource Teacher through email at suzanne.johnson@aps.edu (must have electronic signatures). **Your team will be notified by end of day March 21, 2014 of your selection status.**

Questions: Please contact Suzanne Johnson at Suzanne.johnson@aps.edu or 872-6877

*This opportunity is made possible by a grant from
PNM*

TEACHER INFORMATION

Directions: Complete this information & commitment page as well as the application page.

DUE BY February 28, 2014 to Suzanne Johnson via email (with electronic signatures) to suzanne.johnson@aps.edu

School Name: _____ **Address:** _____
School Phone Number: _____ **Principal Name:** _____

Team Member Name	Content Area	Email Address	Best Contact Phone #
1.	Math		
2.	Biology		
3.	Chemistry		
4.	Physics		

Please list professional association affiliations along with offices held (if any), recent (<5 yrs) honors and awards

Team Member Name	Content Area	Professional Associations/ Honors and Awards	Office(s) held
1.	Math		
2.	Biology		
3.	Chemistry		
4.	Physics		

STATEMENT OF COMMITMENT:

If my/our application is accepted, as a team I/we agree to the following:

1. Each team member will attend the 15 hours of pre/ post planning (dates and times TBD) including one day in late July/ early August.
2. We will fully develop the lesson plans and assessments during the spring of 2014 and submit plan as well as needed materials by May1, 2014.
3. We will implement lessons during our assigned week in the summer of 2014.
4. We will each select a high school student to assist us during our assigned summer work week (funded by the grant).
5. We will complete teacher evaluations and collect student assessments throughout the project.
6. We will assist students in presenting their experience to a public audience at the end of the week.
7. We will participate in and present our experiences and student learning to our cohort in summer of 2014.
8. We will work with our principal or webmaster to announce this project on our school's website.

We agree to and accept the above terms and commitment conditions for the duration of this grant.

Team Leader Signature _____ Date: _____

Team Member Signature _____ Date: _____

Team Member Signature _____ Date: _____

Team Member Signature _____ Date: _____

As principal of _____ School, I am fully aware of and support the commitments my staff is making to their professional development, student participation and achievement, and PNM.

Principal Signature _____ Date: _____

6. Rate your/ your team’s knowledge of and familiarity with Common Core State Standards as they apply to Science on a scale from 1-10. (“1” is NO knowledge and “10” is ‘I can teach others how to do it.’). Support that rating in one sentence.

Rating of: ____ as evidenced by _____

_____ (1 pt)

7. Please identify your school’s Title I status:
8. Share a unique aspect about your school, yourself or the teacher team (no identifying names).

******Only complete and on-time applications will be considered******

For Administrative use only:

Lesson plan for each content area submitted	
Math	
Biology	
Chemistry	
Physics	
Statement of Commitment complete	
Application page complete	