**TEACHER Pre-Survey 2012-2013**

School Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Teacher Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# of Physics Classes \_\_\_\_\_\_\_\_\_# of Students/Class:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# of Girls per class\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What is the **main** reason you are participating in this Physics Collaboration? (Free materials, Jump Start on NGSS Aligned Curriculum, Mentorship, To be a part of Physics Teaching Community, etc.)
2. Using the 5-point scales below, please rate your familiarity with each of the following topics.

**No Familiarity:** little understanding of topic and/or not incorporated into science lessons.

**Some Familiarity:** general idea of what the topic entails and/or limited incorporation into science lessons

**Very Familiar:** Could lead a training workshop on the topic and/or used in most science lessons

Project Based Science Instruction

**No Familiarity Some Familiarity Very Familiar**

1 2 3 4 5

Next Generation Science Standards

**No Familiarity Some Familiarity Very Familiar**

1 2 3 4 5

Engineering Design Process

**No Familiarity Some Familiarity Very Familiar**

1 2 3 4 5

Developing Curriculum

**No Familiarity Some Familiarity Very Familiar**

1. 2 3 4 5

Engineering Notebooks for Students

**No Familiarity Some Familiarity Very Familiar**

1. 2 3 4 5
2. How many hands-on investigations did you offer your students last year?
3. What was the typical duration of these hands-on investigations? (1 day, 1 week, etc)
4. Check the statements that are TRUE for you

\_\_\_\_My colleagues and I get together regularly to plan

\_\_\_\_I would like to have access to mentor teachers

\_\_\_\_I am involved with mentoring other teachers

\_\_\_\_I would be interested to help design future NGSS Physics units

\_\_\_\_ Students are more engaged when they work collaboratively

\_\_\_\_Students are more engaged when they work by themselves

\_\_\_\_I wish there were more professional development workshops available

\_\_\_\_I wish I could have professional engineers come to my classroom to talk to students

\_\_\_\_I am involved with other STEM focused programs (MESA, Robotics, etc)

If YES, which programs?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_I teach about environmental sustainability

\_\_\_\_I wish I know how to teach about environmental sustainability

\_\_\_\_I don’t have time to teach about environmental sustainability, and it’s not my subject

\_\_\_\_I have recycling bins in my classroom

\_\_\_\_My school prioritizes recycling.

If YES, can you give examples of how?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_