



Dear Swansfield CommUNITY:

In preparation for Swansfield's **STEM Fair** in February, the PTA is in search of science-oriented volunteers to teach a series of science project workshops. These workshops will be offered to prepare our students to present research work at the PTA-sponsored **SCIENCE FAIR** at STEM night on **FEBRUARY 28, 2019**.

Here's what we need from YOU:

Two hours of your time ONE Saturday in February when you will run a workshop that will take 20 Swansfield students through the scientific method of observing, questioning, hypothesizing, testing, and analyzing data.

Student groups will be limited to 20 per Saturday. Each student will be accompanied by a parent, so you will not be responsible for classroom management. You will be scientist-in-chief.

Working ahead of time to plan a simple experiment. We have resources and ideas to help you do that, and the PTA will provide all the materials.

WORKSHOP EXAMPLE: One parent volunteer has agreed to bring a simple pendulum constructed of a two by four, string, and a heavy weight. Students will make hypotheses, take measurements as they adjust the string length, and come to conclusions about the relationships between the length of the string, the weight attached at the end, the distance the pendulum travels, and the time it takes the pendulum to swing back and forth.

Our students are SO excited about this event, but we need YOUR help to make sure every child who has an interest gets the chance to participate. The more volunteers we have, the more students we can accommodate. Please contact the address below if you are interested in leading a workshop! **Thank you!**



Please email president@swansfieldpta.org to learn more.

