



## **PTO GIFTS PROGRAM**

### **Requests for PTO Funding 2017-18**

Any teacher, parent, or student who has a request for funds from the PTO must fill out this form. Please answer these questions as thoroughly as possible, providing supporting detail and information. When completed, please return to the administration at either school by **Monday, October 23, 2017**.

**Nicole Johnston: 7+8 Science Teacher at SRS**

#### **1. Define your request:**

I am making a request to purchase two classroom sets of "Pocketlab Voyager sensors" to be used in 7<sup>th</sup> and 8<sup>th</sup> grade science classes. A classroom set of pocketlabs consists of ten sensors. Each sensor is actually made up of multiple sensors that can collect data in real time for students to use and analyze. The voyager sensor can measure the following variables: acceleration, angular velocity, magnetic field, altitude, pressure, ambient temperature, humidity, and light. The voyager probes are compatible with Chromebooks, and store data until it can be downloaded.

#### **2. Amount requested:**

One classroom set of pocketlab voyager sensors (a kit of 10 sensors) costs \$1480. Two classroom sets would cost \$2960 and would enable two class sections to use the sensors at the same time when grade level overlap occurs.

#### **3. Can this project be funded in stages? If yes, what timetable is involved? If no, please explain your due date for funds.**

No, this project is a one-time purchase.

#### **4. Has this request been reviewed by the school administration? What was their response as to its merit and priority?**

Yes, I shared this idea with Dr.Sukenik and she felt that this product would be beneficial for student learning.

#### **5. Number of Students that will be impacted or benefit from your request:**

7<sup>th</sup> and 8<sup>th</sup> grade students in math and science.

**6. Is this a one-time request or do you envision needing additional PTO funds in the future or long range? If you will require additional PTO funds, please explain why this cannot be added into your annual budget.**

This is a one-time request. This item was not budgeted for with science funds from last year. We recently adopted new curricular materials in science and I feel these probes would serve to enhance our curriculum and provide students with meaningful data for analysis. We are working to make deeper connections between math and science with our new block system and this would foster tremendous opportunities for cross-curricular integration in these areas.

**7. What is the intended goal of your request? Would it have any other uses or applications? Is this a start up program or is it enhancing an existing program? Use additional paper if needed.**

Data collected can be used in both math and science classes to provide students with rich, meaningful, and relevant opportunities to analyze and assess data while developing understanding of math and science content.

**8. What are the long range benefits of your request?**

We are working to make deeper connections between math and science with our new block system and this would foster tremendous opportunities for cross-curricular integration in these areas.

**9. If you are requesting a capital asset/investment, please provide a minimum of two options/pricing quotes on the item and attach to this form. Please identify your first choice and why.**

N/A

**10. Have you exhausted all other funding options before coming to the PTO Gifts Program?**

Yes, at this time for school year 2017-2018.