Science from Scientists Newsletter

Hello SfS Supporters,

As we wrap up our first semester this academic year, we're thankful for our impactful donors who have helped our programs grow; for the incredible teachers who partner with our scientists in the classroom; and for our 9,000 students who will one day pursue careers in STEM. We have some exciting developments to share with you as we move into 2019 -- like a record-breaking number of schools being served this year, and new data showing our successes with improving students' attitudes and aptitudes in STEM. Read on for more!











Donor Spotlight



We are thrilled to announce that <u>Seagate</u> has awarded Science from Scientists \$5,000!

Thank you, Seagate, for investing in our mission & programs in Minnesota. We are pleased to partner with you in pursuit of improving STEM literacy!

Our Impact



The results are in, and during the 2017-18 academic year, in Massachusetts, SfS observed an average 19% improvement in the number of our students scoring Proficient/Advanced on the 5th-grade STE MCAS! For schools performing below the state average, the average percentage increase in STE MCAS scores after the ISMB program was 24% -- equivalent to improving by

Stories from the Classroom



We are now offering our during-school STEM enrichment program to 76 schools across Massachusetts, Minnesota, and California - and such tremendous growth has been made possible by all of you, our supporters! Here is a great letter we received from one our students, who now loves science.

more than two letter grades!

Funding for Teachers



The annual **Shell Science Lab Challenge Competition** is providing a funding opportunity to outstanding middle and high school programs for their exemplary approaches to science lab instruction utilizing limited school and laboratory resources.

To be eligible for consideration, all work must be current and cumulative as applicable.

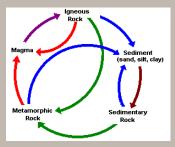
All entries must be received by 2/4/2019, via online submission.

Dear Scientists, Thank you so much! I have rearned somuch from this experience! I never thought that science could be so fun! Every week I 100 Ked forward to wednesday! It has been so much fun learning about the many different things that you have tought us! I'll miss wednesdays without you guys! Thank you so much again! From.

Mia (QCA grade 7)

Feature Lesson: Rock Cycle

Our Module Team is always working to improve our hands-on STEM lessons to make them as engaging, impactful, and relevant as possible for teachers and students.



The team recently refined our Rock Cycle lesson (now version 4.1) with materials available for tying in the dichotomous key. Overall, this lesson provides an overview of the Rock Cycle, highlighting common rocks and the processes that form them. Students become geologists in the classroom as they examine rock samples, note similarities, classify them by rock type, and identify them.

All of our Teacher Preparation documents are available for free on our website.





