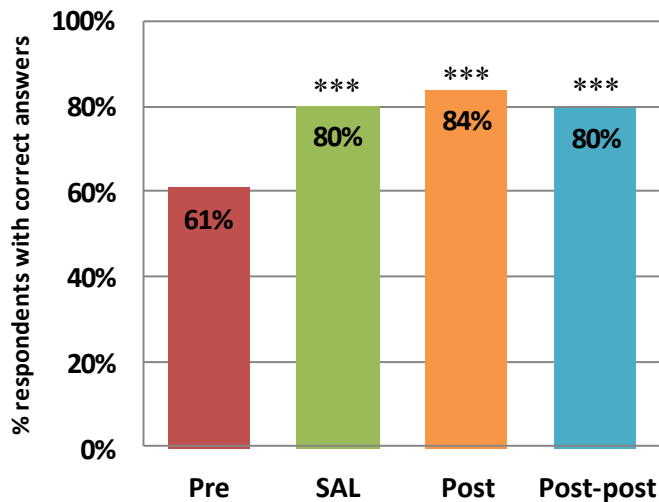




Student Assessment Results 2012/2013

Year One Results From our NIH-funded Science Adventure Lab Project "Engaging Families to Enhance Science Learning and Interest in STEM Careers"!

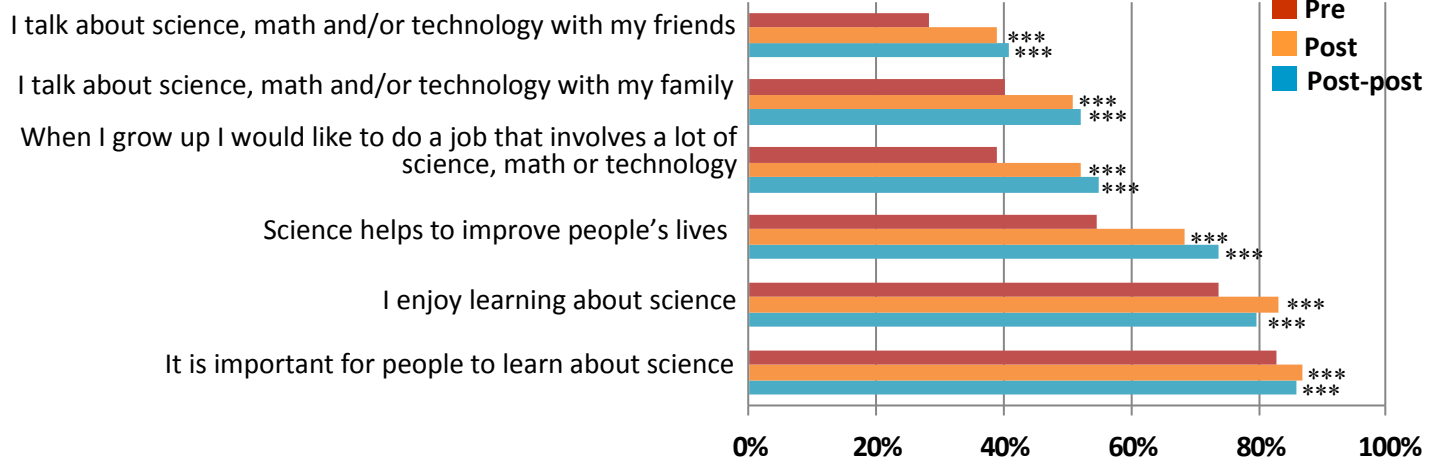
This past 2012-2013 school year we rolled out a new module, Vital Signs, on the Science Adventure Lab and had the pleasure of engaging with students and their families from six schools as they participated in science activities together at the Family Science Nights and the Field Trips to Seattle Children's Research Institute. Thanks to everyone's dedication the project has been very successful overall. Students completed assessments measuring content knowledge and interest after each of three scheduled events: the Science Adventure Lab visit (**SAL**), Post-visit assessment after the SAL visit (**Post**), and after completion of the Family Science Night and Field Trip (**Post-post**). A Pre-visit assessment (**Pre**) was completed prior to all the events to establish a baseline. Paired sample t-tests were used to test for statistically significant differences as compared to the Pre-assessment (***) $p < 0.001$. **Here's how well the students from all six schools performed:**



This year we are excited to engage with even more students and their families as we increase the number of schools that will be participating in the project to 10! In addition, each participating school will receive two Science Adventure Lab visits, one on Vital Signs and a second with our newest module "Sense, Think, Move: Exploring Brain Functions".

If you have any questions or would like to receive additional information about the SEPA project please contact Dr. Amanda Jones at amanda.jones@seattlechildrens.org

Average percentage of student respondents who correctly answered assessment questions about vital signs and body systems.



Average percentage of student respondents who agree with the following statements