

IEEE NH Pre-University Committee Grant Report

We received many creative applications this year. We appreciate the effort of all of our Pre-University Grant applicants to improve the accessibility, understanding and application of STEM subjects.

Our committee has approved funding the following projects:

- John Fuller School, North Conway NH: Sixth graders in Ms. Lauren Beckwith's and Ms. Kelly Horrigan's class will build a SeaPerch ROV in a week-long intensive program and test the ROV in a pool. The grant will be used to purchase the SeaPerch kits. The grant proposal was submitted by Ms. Lauren Beckwith.
- John Stark Regional High School, Weare NH: The grant will be used to purchase 10 Sphero SPRK minis. These will be available for use in PLTW Pre-Engineering, Computer Programming, Math and Physics classes. The grant proposal was submitted by Mr. Colin Stone.
- West Running Brook Middle School, Derry NH: The Jr. Solar Sprint Club students will design and build solar cars and will participate in a local competition. The grant will be used to purchase the solar car kits. The grant proposal was submitted by Ms. Angela Barber.
- Brookline School District, Hollis NH: An AR Sandbox, as described on University of California, Davis website (<https://arsandbox.ucdavis.edu/instructions>) will be built to give students a hands-on model to study and understand Earth Science and Mapping concepts. The grant will be used to purchase some of the required components. The grant proposal was submitted by Ms. Beth Penney and Ms. Jenny Lynch.