

EDTECH Associates

Science4All

“Science4All” is designed to develop science teacher leaders in grades K-12. Science4All is intended to be a sustainable instructional model (inquiry-based teaching with technology) that includes three years of professional development with the intent to create systemic change in schools.

The goals of the “Science4All” professional development project are:

- to increase content knowledge and reading comprehension instruction in science for teachers;
- to train and support science teacher leaders to implement and integrate technology into inquiry-based instruction;
- to create student-centered, interdisciplinary, collaborative teaching practices using the UDL (Universal Design for Learning) principles; and
- to establish an online New Hampshire Science Learning Community to support, sustain and expand the “Science4All” model.

There are five partners on the Science4All project that included the lead partner, EdTech Associates. Other partners included Plymouth State University, Maine Mathematics and Science Alliance, e-learning Agent and Keys to Literacy.

A total of 7 schools were included in the Science4All project. The grade level make-up is two high schools, three K-8 schools (one a charter school), and two elementary school (one a charter school).

Science4All employed a hybrid professional development model with two weeks of face-to-face training, onsite observations and feedback and an online environment in Moodle. A separate training 1-day training occurred for the Science4All school administrators.