



S2S is providing four innovative programs for improving student affinity and aptitude for Careers in STEM.

1 - The ISAAC Program, conducted at The S2S Technology Center in East Hanover New Jersey

2 - [The Virtual Laboratory \(V-Lab\) Program](#) – a virtual form of the ISAAC Program

3 - [The Community College Licensing Program](#) (CCLP) – expansion of the laboratory model through our partners

4 - [Enrichment Programs](#) – enhancements to the on-site program for both teachers and students

The ISAAC Program - Improving Student Affinity and Aptitude for Careers in STEM, for [Middle School Students](#) and [High School Students](#);

Our programs focus on changing the students' attitude toward pursuing a career in a STEM related field, as well as improving student aptitude with STEM subject matter. S2S has identified and targeted three factors critical to creating this attitudinal change.

1. Conducting challenging experiments, side-by-side with a professional scientist, in an authentic laboratory setting, using sophisticated laboratory instruments, creates a positive and memorable experience for the students.
2. Removing the students from their normal routine and bringing them into a functioning laboratory work environment generates excitement and reduces the intimidation that often accompanies STEM related learning.
3. Financial gain is an important motivator for students in today's climate. While working

directly with successful technologists and entrepreneurs, students are exposed to the potential financial and social benefits of a career in a STEM related field.

[Click here to learn more about our Middle School Program](#)

[Click here to learn more about our High School Program](#)

The V-Lab Program

S2S in partnership with Connectivity, Inc. has developed a fully interactive web-based, multi-lingual; hybrid distance based learning (HDBL) program supporting K-12 students and teachers. S2S provides a supplementary education experience to support teachers in the classroom by way of its V-Lab Program. The V-Lab Program consists of a series of supplemental age appropriate, “hands-on” science experiments to be performed by the students in their local classroom and simultaneously at the S2S Technology Center by use of high speed video teleconferencing. S2S scientists demonstrate how to conduct each experiment, and describes how the scientific techniques and learning principles are used in real world business applications. S2S sends the kits, trains the teachers, and conducts a joint session by use of video conferencing. Each kit contains enough materials for the teacher to run the experiments again on their own 3-4 more times.

[about our V-Lab Program](#)

[Click here to learn more](#)

The Community College Licensing Program (CCLP)

– expansion of the ISAAC Program laboratory model through our Community College Partners [*Click here to learn more about our Community College Licensing Program*](#)

Enrichment Programs

– enhancements to the on-site program for both teachers and students

[*Click here to learn more about our Enrichment Programs *](#)