



Science Coach
COMPLETE



Apply today



BECOME A **Science Coach**

Join a community of **paid** research teachers and rediscover the fun of teaching with a year-long, job-embedded professional development program for Teachers.

Science Coach exists to make sure teachers are trained, supported, resourced, and energized to inspire our future innovative work force through advanced authentic research.

QUALIFICATIONS:



3+ years of research or project based learning.



6th-12th grade public, private, or homeschool teacher in the U.S.



A desire to join a community of dedicated research teachers.

ADVANCED AUTHENTIC RESEARCH

We take the traditional sports team approach and apply it to the STEM arena with an experienced Head Coach sharing and supporting their 5 Teacher Coach team members. This proven professional development (PD) ecosystem excites and empowers 6th - 12th grade STEM teachers to coach students to complete advanced authentic research projects for entry into science fairs or other competitions, with some continuing into our Innovation to Entrepreneurship Pathway.

ENROLLMENT PROCESS





Science Coach Complete ECOSYSTEM

COSTS:

\$6000/Teacher

\$2,750 Professional Development fee

\$2,000 compensation for after school work.

\$800 for student consumable supplies.

\$450 for student recruitment/retention efforts



We've got your back - Guided by a head coach and an intentional team of teachers, you will be trained through a year-long, job-embedded PD mentorship program.

Teachers become a cohort team, tapping into a national network of accomplished colleagues and mentors. Drawing from their Head Coach's expertise, yearly summer training, and monthly PD sessions, teachers grow in skills and confidence to take students to the next level.



You get paid for after school time - Professional compensation for teachers.

Teachers are treated as professionals, recognized and paid for **personal** time spent coaching STEM students. Teachers receive extra-duty/extra-pay compensation, or a \$2,000 stipend. Two graduate-level credits are available upon program completion.



The pathway is carved - Free access to research methodology instructional resources.

Advanced Innovation Methodology (AIM) Teacher is detailed lessons supporting advanced authentic research instruction. The companion, AIM Student, is self-paced, online instruction, helping students to work independently. Access to this rigorous research methodology saves teachers prep time while engaging students in hands-on project-based learning (PBL). Teaching PBL with AIM Teacher makes in-person teaching easier and AIM Student is vital when teaching remotely.



You're free to innovate - Flexible program implementation and access.

Implement Science Coach in existing classes, as a dedicated research class, or as an extracurricular activity. It works in public, private, and home-schools across rural, urban and suburban areas. Learning becomes more equitable when teachers and students get expanded support when and where they need it.



Competitions? No problem. - Proven step-by-step process to create competition-worthy projects.

Clear objectives and timelines guide the research program to successful completion. Teachers coach students—from choosing their own topic to completing advanced authentic research—achieving and celebrating milestones along the way.



Unprecedented lab access, equipment, and insurance - Comprehensive resources of high-tech lab access, equipment.

Extend the standard science classroom by either borrowing equipment, working in our BSL1&2 labs, or using the Science Coach insurance to gain access to a local lab/university.



Your student's inventions will be protected - Intellectual Property (IP) protection.

Projects with IP potential join our Innovation to Entrepreneurship Pathway which helps students build a business or license their innovation.

65 National/International Awards.

513 Local and Regional Awards.

\$1.8m+ In scholarships since 2007.

Science Coach
WORKS

89% of students continue into STEM careers.

96% of teachers recommend the Science Coach program to a colleague.



Science Coach Complete FEATURES & BENEFITS

FEATURES

Year-long, Job-embedded Professional Development

Advanced Innovation Methodology (AIM) Teacher
Includes 14 research methodology modules, from Introduction to Research to Presenting Results.

Advanced Innovation Methodology (AIM) Student Online Innovation Access

Insurance Coverage For Local Lab Usage

Two BSL 1&2 Labs In the St. Louis Area

Science Equipment Loan Program and Giveaways

Intellectual Property (IP) Review Process

Recognition

BENEFITS

- Teachers gain direct access to an experienced Head Coach mentor.
- Teachers become a cohort team tapping into a national network of accomplished colleagues and mentors who help them prepare for, and enter, competitions.
- Drawing from their Head Coach's expertise, yearly summer training, and monthly PD sessions, teachers grow in skills and confidence to take students to the next level.

- Step-by-step downloadable/modifiable lesson plans, rubrics, and classroom activities.
- Uses the 5 E model: engage, explore, explain, elaborate, and evaluate.
- Clear objectives and timelines guide student innovators to successful completion.
- Text is fully downloadable and modifiable allowing teachers to easily customize lessons for individualized needs.
- Saves teachers prep time, increases student research skills and teaches industry-level research practices.
- Teachers are required to be compensated either through extra duty/extra pay or a direct \$2000+ stipend.

- Science Coach pays for the monthly student access to this program, which includes teacher access/oversight.
- Teaching remote students how to do advanced authentic independent research with career-specific information for direct inclusion in the student research process.
- Great for the student who wants to start their research project over the summer.

- Our certificate of insurance covering students and teachers allows them to gain access to other labs.
- Students and teachers have additional insurance coverage for transportation, lab equipment, breakage, and professional liability.

- Accessible by teacher and student 24x7x365, Science Coach participants have a dedicated lab table with \$50m of shared equipment access at the BioSTL lab.
- Additional access to 39° North Helix Lab and the Danforth Plant Science Center.

- FREE equipment loaner program; everything from scales to incubators to centrifuges.
- Science Coach sources equipment and supplies to freely give to teachers.

- Research projects with IP potential join our Innovation to Entrepreneurship Pathway where experienced scientific guardian ad litem lead, educate, and protect the student's best interests.

- Press-worthy accomplishments and potential monetary awards to get your school and district positive publicity.



Science Coach
EDUCATE · INNOVATE · ACHIEVE