

Want to Get More Students in the Game?

Improve their bodies and their minds.

Never stop asking WHY?

Science Coach takes the traditional team approach and applies it to the STEM arena. We offer a proven and easy to implement program that excites and empowers school-based teams of STEM students to change their world. Our program trains, equips, and compensates teachers to coach 6th - 12th grade students in completing high-level research projects for entry into science fairs or other competitions. By giving students a mix of choice and responsibility, cognitive concepts and practical activities—supported by a caring teacher coach—our complete system helps you engage students in learning that is rigorous, relevant, and rewarding.

The result? **Lifelong learners who never stop asking WHY?**

Our System

Science Coach is an easy-to-implement, comprehensive system for teachers and students that includes:



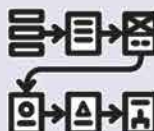
Intensive, Year-Long Professional Development



Coach Stipend



Independent Research Curriculum



Curriculum Support Materials



Research-Specific Supplies



Data Collection Equipment



Online Outcomes Portal

Science Coaches Make the Difference

The Science Coach program offers a unique and **year-long job-embedded professional development** where maverick teachers get the scientific methodology training they need to help coach their students to create high-level research projects. Supported by an experienced head coach, ample project supplies, current data collection equipment, a robust Science Coach curriculum and a \$2,000 stipend, teachers and students take an immersive STEM learning experience that forever changes their lives.



Science Coach
EDUCATE • EXPERIMENT • ACHIEVE

Want to know how you can take your school and teaching to the next level?

Visit us at ScienceCoach.org or call us at 314-472-3302

Schedule



Spring

- Schools identify Teacher Coaches
- Coaches put team together
- Funding sources identified



Summer

- Coaches sign compensation agreement
- Intensive Teach Coach training (1 week)



Fall 2019/ Winter 2020

- Coaches recruit students
- Coaches implement curriculum and support student research projects



Spring 2020

- Students complete research projects and submit in science fairs or other competitions
- Students and Coaches participate in Student Project Showcase attended by area professionals

Overtime Opportunity

Science Coach prepares students to take the new AP Seminar and AP Research testing toward their AP Capstone Diploma.

Funding

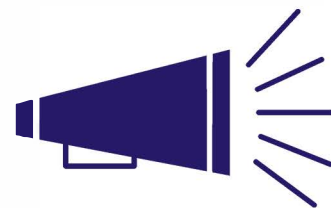
Nearly all of the costs to add Science Coach to your school are eligible for Perkins funding. Science Coach works closely with your school to identify and secure any additional funding needed.

Science Coach Curriculum Modules

1. Introduction to Research
2. Developing a Research Question
3. Conduct a Literature Review
4. Research Ethics & Integrity
5. Study Design I
6. Study Design II
7. Conducting Your Experiment
8. Data Analysis Using Descriptive Statistics
9. Data Analysis Using Statistical Analysis
10. Results & Conclusions
11. Writing a Scientific Paper
12. Presenting Results

"Working with research students is, hands down, the most rewarding part of my job. I want to make sure that students continue to have opportunities to showcase their work, earn scholarships, and meet other kids doing the same types of things that they are. Science Coach provides a great framework for teachers who are new to student research, and much support, both through curriculum and finances."

— Jennifer Hess, Teacher



Testimonials

The Fine Print



- ▶ Science Coach is open to public, private, and home-schooled students and teachers.
- ▶ Teams consist of one Head Coach, 3–5 Teacher Coaches and 10+ students per coach..
- ▶ Students must compete in at least one non-school, juried competition for scholarship awards and other prizes.
- ▶ Teachers can receive college credit (\$75/credit hour).
- ▶ Students can work in teams of up to three, or individually.
- ▶ All projects include intellectual property review.
- ▶ Coach compensation is based on meeting teacher and student milestones outlined in the Science Coach Compensation Agreement.