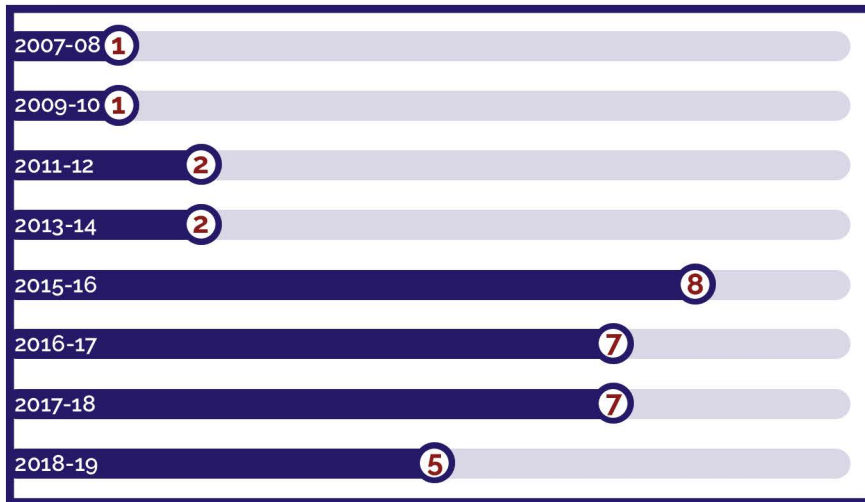


# Science Coach Works

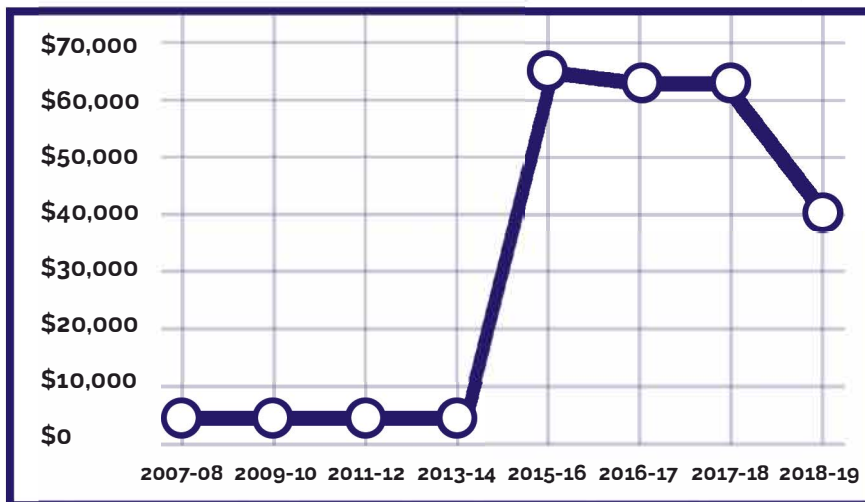
Science Coach is a proven, easy to implement program, that trains, equips, and compensates teachers to coach students in completing high-level research projects for entry into science fairs or other competitions. Our impact is clear.

## National and International Awards Won by Science Coach Students



**257 Local & Regional Awards**

## Cash Value of Awards Won by Science Coach Students



**\$251,120 in Scholarships since 2007**



**Science Coach**  
EDUCATE · EXPERIMENT · ACHIEVE

*Want to know how you can help your school achieve similar results?*

Visit us at [ScienceCoach.org](http://ScienceCoach.org) or call us at 314-472-3302

# Our Assessment Tools

We've researched what students need in order to excel in STEM fields and life. We've mapped our outcomes to those identified by the Mission Measurement Impact Genome Project.

## 21st Century Skill Sets

- ▶ **Persistence:** 70% of the students that start the Science Coach Program will complete a project.
- ▶ 60% of students will declare 1 or more failures having been experienced while doing their project.
- ▶ **Resilience:** 40% will enter and compete in more than one competition. 60% of students display increased self-confidence due to their Science Coach experience.
- ▶ **Collaboration:** 50% of the student presentation boards will cite assistance from 1 or more people.

## Recognition

- ▶ 10% of the students who participate in a fair, will move on to the next level science fair competition.
- ▶ 3% of students will advance to the ISEF (International Science & Engineering Fair).
- ▶ 60% of students will receive awards for their project.
- ▶ 50% of coaches will have students compete in next level fairs and 10% of them will win awards at these competitions.

## Integration

- ▶ 70% of the students will be able to demonstrate how to use scientific processes to address a real-life situation.
- ▶ 60% will have used an interdisciplinary approach of 4 or more school subjects in their project creation.
- ▶ 85% of students will receive a passing grade or higher in their STEM research class. (*Impact Genome: STEM Proficiency*)
- ▶ 70% of the students will express an intention to declare or have declared a STEM-related post secondary major.



Luke invented a mobile process for hikers to detect Lyme disease bacteria in a tick allowing proactive treatment. Having placed 2nd and 4th in the WORLD, he is now majoring in Biology.



Elizabeth is saving the honey bees by creating a RNA transference sequence that only hurts the mites that feed on the bees. This 10th grader earned 1st and 2nd in the WORLD, over \$63,000 in prizes and scholarships and continues competing with her research today.



Nick grew a late-sporulating fungus that PERMANENTLY inoculates Ash trees from the Emerald Ash Borer. He won 4, 1st and 2nd places in the WORLD and is currently majoring in Biology/Kinesiology.