



BELIEVE IN
OHIO
Curiosity • Discovery • Innovation
ENTREPRENEURSHIP

How are you challenged as a teacher in trying to inspire your students to learn?

“

Jaime Casap, Google
Global Education
Evangelist

**DON'T ASK KIDS WHAT THEY
WANT TO BE WHEN THEY GROW
UP, BUT WHAT PROBLEMS DO
THEY WANT TO SOLVE.**

”

**THIS CHANGES THE
CONVERSATION FROM WHO DO
I WANT TO WORK FOR, TO WHAT
DO I NEED TO LEARN TO BE ABLE
TO DO THAT.**

“WE ARE CURRENTLY PREPARING STUDENTS FOR JOBS THAT DON’T YET EXIST ... USING TECHNOLOGIES THAT HAVEN’T BEEN INVENTED ... IN ORDER TO SOLVE PROBLEMS WE DON’T EVEN KNOW ARE PROBLEMS YET.”

- Richard Riley, former Secretary of Education

SOME POINTS TO CONSIDER ...

1. **Technology is relentlessly transforming everything, *therefore...***
2. **Every product, service and aspect of life will change again and again during your lifetime, *as a result...***
3. **Every business and enterprise, and every job and career will in time will either change and adapt, or go away, *as a result***
4. **If every product, service and aspect of life will change and have to be re-invented, who will do that? Why not you?**

Our country and its future prosperity require today's students to become the innovators & job creators of the future!

**UNDERSTANDING THE PRACTICAL APPLICATION OF STEM
+
DEVELOPMENT OF AN ENTREPRENEURIAL MINDSET
=
A STUDENT PREPARED FOR THE FUTURE!**

The Believe in Ohio Program

WHAT IS THE BELIEVE IN OHIO PROGRAM?

BELIEVE IN OHIO is a **FREE** program developed by The Ohio Academy of Science and Entrepreneurial Engagement Ohio with support from the Ohio General Assembly and Ohio Department of Higher Education.



WHY SHOULD STUDENTS PARTICIPATE?



Open their eyes to the future & how to prepare for it



Inspire interest in STEM where many of the best jobs & careers of the future will be



Plant in them the seed of entrepreneurship



Provide an opportunity to compete for cash awards and Ohio college scholarships

WHAT TYPES OF TEACHERS AND STUDENTS IS THE PROGRAM TARGETING?



School

High School Science (STEM)
Teachers & Project Lead the
Way Instructors (STEM
Commercialization Plan)



Career Center

Career Center Teachers &
Career Tech Instructors (STEM
Commercialization Plan or
STEM Business Plan)



School

High School Business,
Economics, Marketing and
Entrepreneurship Teachers
(STEM Business Plan)

LEVELS OF COMPETITION

**Level 1 – Local
High School
Competition**

**Level 2 – Dec
2020 Regional
Competition**

**Level 3 – Feb.
2021 State
Competition**

LEVEL 1 – LOCAL HIGH SCHOOL COMPETITION



MANAGED BY THE STUDENTS'
TEACHER ASSISTED BY OAS STEM
ADVOCATE **VERY FLEXIBLE**



COMPETITION JUDGES LOCALLY
SOURCED BY EACH TEACHER
APPLYING BIO STANDARDS & RULES



\$300-\$2500 IN COMPETITION
AWARDS – DEPENDS ON NUMBER
OF STUDENTS PARTICIPATING
(MAX AWARD \$500)



WINNERS MUST BE SELECTED WITHIN
30 DAYS OF THE COMPLETION OF
THE COMPETITION (BY NO LATER
THAN DEC 2020) TO BE ELIGIBLE
FOR THE REGIONAL COMPETITION"

LEVEL 2 – REGIONAL QUALIFICATION COMPETITION

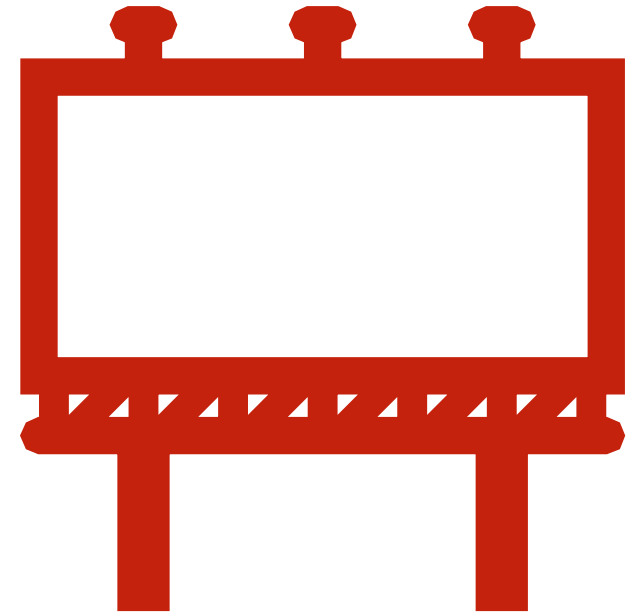
Teachers submit the top 20% of their plans and/or all plans that receive a score of 36 scoring points out of 40

All plans will be judged in the blind

Judges will be coordinated & sourced by the Ohio Academy of Science

Takes place in December 2020/January 2021 with 100 winners receiving a \$1,000 scholarship, plus entry into the State Competition

**How will the
statewide
competition work?**



LEVEL 3 – STATE COMPETITION

- **Held at the state level by The Ohio Academy of Science
February 2021**
- **Hundred of thousands of dollars in scholarships to Ohio colleges and universities. 4 years x \$2,500 = \$10,000**
- **Judging will be by a panel of judges coordinated and sourced by the Academy of Science**
- **Judging will include an evaluation of the students' written plan and a short 5-minute oral presentation.**

BELIEVE IN OHIO RESOURCES

Online resources

- [Teachers answer your questions](#)
- [Teacher resources](#)
- [Student resources](#)
- [STEM Plan Instruction Booklet](#)
- [Request more information](#)
- [MOU to participate in program](#)

- [How to Navigate the *Believe in Ohio* STEM Plan Instructional Roadmap](#)
- [Student Step by Step Instructions for Determining the Commercial Feasibility of Their Plan Idea and Developing the Plan Itself](#)
- [Roadmap Milepost 1-8 Worksheet](#)
- [Student Instructions for Writing and Formatting Their STEM Plan](#)
- [STEM Commercialization Plan Student Template \(Word document\)](#)
- [STEM Business Plan Student Template \(Word Document\)](#)
- [Student Template for Preparing a Three-Year Financial Projection \(Excel Document\)](#)
- [Review Prior Year's Award Winning STEM Commercialization and Business Plans](#)
- [Fall 2019 STEM Entrepreneurship & Innovation Forums Speaker Videos](#)