

Ohio Institute of Informal Science Education (OIISE)
Budgeting Information

What will we do if we get the same amount? (\$375k/year)

- Expand into other regions, but remain with the topic of Aerospace
- Contact more museums across the state to add their content
- More marketing of website and available content to schools and teachers
- Scholarship programs for teachers

What will we do if we get more money? Do the above plus...

- Add biology-based content
- Contact zoos across the state to add their content to the website
- For every additional \$100k, we can add 5 new programs and increase available scholarships for teachers

New Topic Area:

Biology is a branch of science that deals with living organisms and their vital processes. Biology encompasses diverse fields, including botany, conservation, ecology, evolution, genetics, marine biology, medicine, microbiology, molecular biology, physiology, and zoology.

For example, the Boonshoft Museum has 3 programs that would be added immediately to the site:

Honeybees a-Buzzin'

Grades PreK - K

What are insects, and why are they so important? Learn about insects through active investigation and discuss their characteristics and life cycle. This program will explore the domain of the marvelous honeybee to illustrate their value to our world.

Food, Fitness, & Fun

Grades 1st – 8th

Get your students moving! Learn about how we fuel our bodies and how to keep our bodies fit. This fun program introduces nutrition and activities with the goal of developing good habits for a healthy body.

Meet the Animals

Grades K-12th

Get up-close and personal with the Boonshoft Museum of Discovery's animal ambassadors. Learn about their habitats and behaviors during this fascinating conservation-based presentation.

*These programs were taken to Performance Academy Schools and were part of the programming that resulted in increased test scores.

New Potential Partners (without biology expansion, just region expansion):

- Cincinnati Museum Center (*CEO is very interested in participating, may be willing to leverage their Government Relations connection.*)
- Ritter Planetarium (*have not contacted*)
- Ward Beecher Planetarium (*have not contacted*)
- Great Lakes Science Center (*have not contacted*)
- John & Annie Glenn Museum (*have not contacted*)
- COSI (*have not contacted, but they are visiting us in March, they currently do not have programs available*).

New Potential Partners (with biology expansion):

- Toledo Zoo (*they have already committed*)
- Cleveland Metroparks Zoo (*have contacted, they are talking to team*)
- Cincinnati Zoo and Botanical Garden (*have contacted, haven't heard back*)
- Akron Zoo (*have contacted, haven't heard back*)
- Columbus Zoo (*have contacted, they currently do not have programs available, but would let us know if it changes*).
- The Cleveland Museum of Natural History (*have not contacted*)

**These are in addition to the new partners in listed the prior section*

Current Data:

All these numbers will be increasing, as more classes have been booked for spring 2023 as we expand beyond the pilot program. These numbers are reflective of the pilot numbers *only*.

- Pilot program students: 485 students
- Pilot program teachers: 5 teachers (each in a different school district)
- Pilot programs paid through scholarship funding: 16 programs
- Standards-based, peer-reviewed programs: 9
- Pilot program partner organizations: 4 museums (listed below)
 - Boonshoft Museum of Education
 - Armstrong Museum
 - WACO Air Museum
 - The National Museum of the United States Air Force

Potential Data if Funding Remains the Same

- Students: 36,000 students
- Teachers: 1,200 teachers
- Programs paid through scholarship funding: 1,200 programs
- Program partner organizations: 9 museums
- Standards-based, peer-reviewed programs: 20 programs

Potential Data for every \$100k/year Funding Increase above \$375k/year:

- Students: additional 9,600 students
- Teachers: additional 320 teachers
- Programs paid through scholarship funding: additional 320 programs
- Program partner organizations: additional 2 new museums or zoos
- Standards-based, peer-reviewed programs: additional 5 programs

If no funding is received:

- Students: 600 students
- Teachers: 20 teachers
- Website will remain live
- No data collected
- No scholarship programs available
- Limited additional partners and programs added