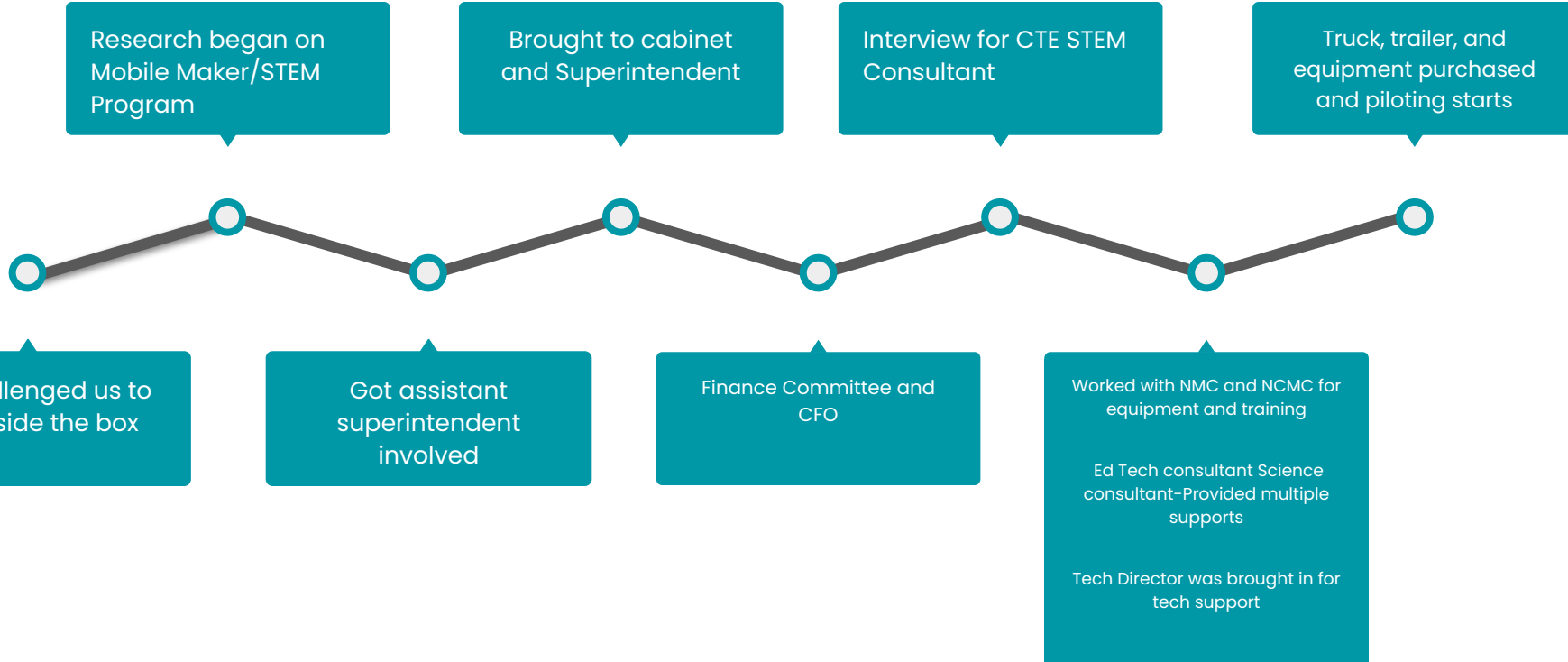


Char-Em Street STEM

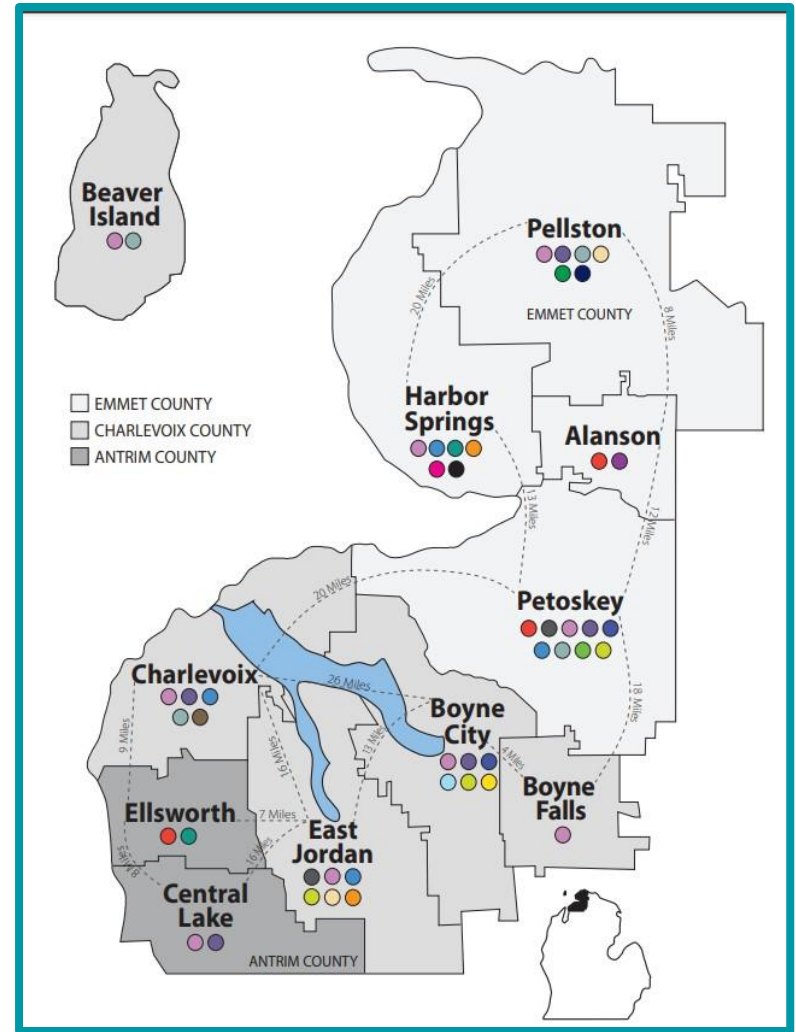
A K-8 STEM Initiative



Background on program

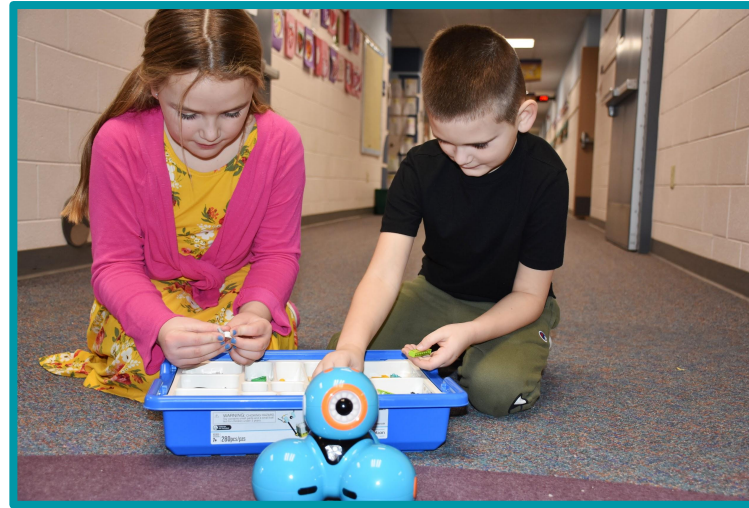


Char-Em Schools



Beaver Island ~30 Miles





**Lego WeDo and Dash
Robot- Alanson**

What does this do for our schools?



- Connects STEM Technology to content standards
- Brings hands on learning to classroom
- Teaches teachers to fish
- Connects students to CTE and careers earlier



Char-Em STEM Closet



Dash Robots- Pellston Elementary





Boyer Falls- Laser Cut Ornaments



Why?



STEM is CTE

50%

of all Science, Technology, Engineering and Mathematics (STEM) jobs are open to workers with less than a bachelor's degree.

30%

of today's STEM-intensive jobs are in blue collar fields.

CTE is ...

SCIENCE

61% of CTE students interested in a science career report that their CTE courses provide them with skills for the workforce.



CTE is ...

TECHNOLOGY

1/2 of STEM jobs are in manufacturing, health care and construction, while another 12 percent of STEM jobs are in installation, maintenance and repair.



CTE

Career and Technical Education

CTE is ...

ENGINEERING

18% job growth is projected for environmental engineering technicians by 2022. These jobs typically require an associate's degree and pay more than \$45,000 per year.



CTE is ...

MATHEMATICS

45% of CTE students interested in a math career report that their CTE courses help them attain higher math and/or science skills.



1410 King Street, Alexandria, VA 22314
Phone: 800-826-9972 • Fax: 703-683-7424

www.acteonline.org • Connecting Education and Careers

References for this research can be found at www.acteonline.org or by contacting cimperatore@acteonline.org.



Duplo Legos- Lincoln Elementary



Alanson- UAV



Impact

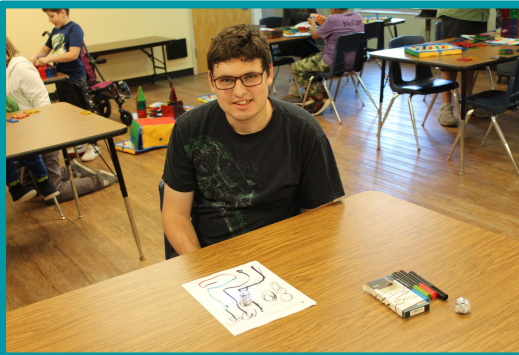
Pilot Year(21-22):
1605 K-8 Students

22-23: 3,973 K-8
students & **80**
teachers





Taylor School- ISD Special Education Classroom Programs





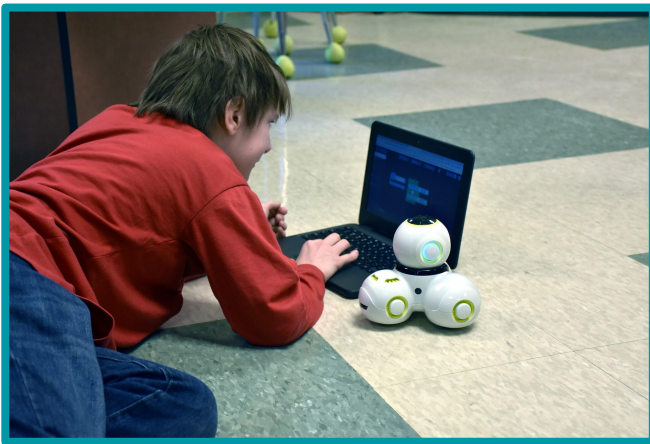
Boyne City Middle School-VR



Grants/Sponsors/Support



- Family Foundations
- Community Foundations
- Rotary
- Private Sector



Cue Robots- Boyne Falls Middle School





Charlevoix Elementary- Playdough 3D Print



BOVINE FOLI
310.0000
SUBJECT



Questions?