



BAKER WEB ACADEMY
BAKER CHARTER
SCHOOLS
2025

Experiential Learning Bus

Proposal for taking STEM/CTE/ and more learning mobile



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Agenda



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Board Acknowledgement

The proposed expenditure:

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A custom built 38" motorcoach for STEM education and experiential learning experiences.

Why go mobile:



On site mobile learning:

Field trip/off site, post-visit expansion learning and off site mobile testing. Experiential learning and opportunity for STEM federal funding/programs.



Brand recognition/advertising:

Visual representation of BCS in mobile settings for employee hiring events, stakeholder recognition, and statewide community interaction.



Growing the BCS Community:

Gathering families and communities together for expanding on STEM. Outreach potential to underserved communities like socio-economic, tribal, and others.

BWA Potential:

This project has the potential to interact with 3322 students.

(1772 students K-8 and 1550 students 9-12)

BEC Potential:

565 Students

Outside BCS Potential:

This project could contract with ISD's and Districts for collaborative events.

Potential for Tribal learning, other events.

Data:

- No CDL Required
- ADA compliant
- Restroom Equipped
- 16 plus person seating
- Center tables and storage
- Equipped with 2 flatscreens for visual presentations
- Can be transferred around the state and coordinated on a calendar for major events.
- Starlink capable for any location.

S (Strengths)	W (Weaknesses)	O (Opportunities)	T (Threats)
<ul style="list-style-type: none">• BCS can combine its strengths in community and academia by coordinating events to provide inclusive learning to K-12.• Meeting the Equity Statement.• Leveraging the strong technical and personality strengths of our employees to make learning fun, tangible and relevant!	<ul style="list-style-type: none">• Insuring/measuring operating costs in relation to outcomes.• Opportunity to increase BCS awareness, full scope of function, and abilities of the combined educational platform.• Potential for liability via travel, on site, and with partnerships.	<ul style="list-style-type: none">• The bus would allow for use of live experimentation, enhanced science, coding/robotics, drone, and making learning relevant.• Ability to outsource or combine learning with areas needing/desiring experiential learning.	<ul style="list-style-type: none">• Funding for the program as a budget item could affect the continuation of the program.• Students as a relatively fixed enrollment number limit competition from an outside source but it creates significant abilities for co-hort or partnership opportunities.

Costs:

- See Capital Expenditure Request Form

Where We Are Headed

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Goals

- Extra learning opportunities
- Stakeholder engagement
- Community expansion/partnership
- Expanded income opportunities
- Increasing equitable education opportunities

Objectives

- Means to measure acquired skills and knowledge on site
- Survey opportunities or Graduate research opportunity/teaching outcomes
- Business and partnership development for mutually beneficial outcomes
- Federal/state programs, offerings to other schools (potential outside funding)

Future

- With a successful, quantifiable outcomes: the potential for 1-2 more units for use throughout the state would demonstrate the abilities of our school to a focus on relevant, productive student outcomes: movement to push outcomes with more inclusive involvement.

Strategic Plan

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<p>Objectives</p>	<ul style="list-style-type: none"> • Seek Board Funding and Approval 	<ul style="list-style-type: none"> • On approval, submit 6-12 month order 	<ul style="list-style-type: none"> • Organize functions by region/school importance. 	<ul style="list-style-type: none"> • 1 month post possession
<p>Action Steps</p>	<ul style="list-style-type: none"> • Present idea and data to the board 	<ul style="list-style-type: none"> • Finalize wrap and iron out options 	<ul style="list-style-type: none"> • Create a schedule • Create a communication channel & surveys • Facilitate FTE structure 	<ul style="list-style-type: none"> • Capture data from stakeholders • Capture educational data/sample work • quantify efficacy
<p>Key Performance Indicator</p>	<ul style="list-style-type: none"> • Outcome of board decision (Being YES!) 	<ul style="list-style-type: none"> • Take possession of BCS STEM Learning Bus on time and on budget. 	<ul style="list-style-type: none"> • Prep'd for immediate roll out on arrival of Bus. • Know key leaders in each region • Have projects on calendar 	<ul style="list-style-type: none"> • Increased ed via pre and post assessments • Increase in stakeholder inclusion • Increase in partnership measurements

I would like to thank all the Chairs, Vice Chairs, and Members for their time.

I would like to leave you with the thought that the relevance of education can be greatly impacted by experiential learning. The time to invest in our future business, science, technology, and mathematics leaders is today.

We can bring educational experiences to the future of our world today and impress on them the fact that every day, every hour, every minute is the potential to learn something new. Something that will relate to something else and, just like the neural networks that create intelligence, expand their minds to a state of “higher cognitive processes.”