



# City of Lawton

Lawton City Hall  
212 SW 9th Street  
Lawton, Oklahoma  
73501-3944

## STEM Board

### Special Meeting Agenda

Thursday, April 9, 2026

3:30 PM

Lawton City Hall  
Council Conference Room

#### Meeting Called to Order and Roll Call

"Official action can be taken only on items which appear on the agenda. The Board may adopt, approve, ratify, deny, defer, recommend, or continue any agenda item. The Board may also propose and enact floor amendments to any matter presented before them. When more information is needed to act on an item, the Board may refer the matter to City Staff. Under certain circumstances, items are deferred to a specific later date or stricken from the agenda entirely."

#### Statement of Compliance with Oklahoma Open Meeting Act, 25 O.S. 301-314

#### Roll Call

#### Business Items

1. Receive a report from Quest of Oklahoma Inc. regarding activities completed during the Fiscal Year Ending 2026 (FYE2026) as a Community-Based Organization (CBO) Partner.
2. Receive a report on an amendment to the Innovation Nexus STEM Strategic Plan approved by City Council on March 24, 2026. The amendment included the following modifications: (1) exempted public trust authorities for which the City of Lawton is the beneficiary from administrative funding caps; (2) realigned the appointment structure of the STEM Board; (3) established funding priorities for TIF revenues dedicated to STEM initiatives; and (4) incorporated the FISTA STEM Lab and FISTA Youth Science Institute (FYSI) into the Strategic Plan's key objectives.
3. Consider revising the total STEM Board funding amount and establishing funding distribution for Fiscal Year Ending 2027 (FYE2027) among Community-Based Partners and independent STEM applicants and take action as deemed necessary.
4. Consider a Community-Based Organization (CBO) Partner Funding Agreement Request from Quest of Oklahoma, Inc. in the amount of \$75,000.00 for the May 1, 2026 through April 30, 2027 STEM funding cycle and take action as deemed necessary.
5. Consider a STEM Funding Request from Crystallyn Guest/ CG Collective Group (Luv 4 STEM) & STEM 4 All in the amount of \$9,941,349.77 for the

May 1, 2026 through April 30, 2027 STEM funding cycle and take action as deemed necessary.

### **Adjournment**

The City of Lawton encourages participation from all of its citizens. If participation at any public meeting is not possible due to a disability, notification to the City Clerk at (580) 581-3305 at least 48 hours prior to the scheduled meeting is encouraged to make the necessary accommodations. The City may waive the 48 hour rule if interpreters for the deaf (signing) is not the necessary accommodation."

**Item Title:**

Receive a report from Quest of Oklahoma Inc. regarding activities completed during the Fiscal Year Ending 2026 (FYE2026) as a Community-Based Organization (CBO) Partner.

**Initiator:** Donalynn Blazek-Scherler, City Clerk

**Information Source:** Bernita Taylor- Quest

**Background:**

Pursuant to the STEM Board's CBO Partner Funding Program and applicable governing policy, Quest of Oklahoma Inc. was awarded funding for FYE2026 to support programs and services aligned with the City’s strategic priorities. As part of the funding agreement, CBO partners are required to provide periodic updates and an annual report detailing the use of funds, program outcomes, and overall impact on the community.

The report from Quest of Oklahoma Inc. will provide a summary of activities conducted during FYE2026, including performance measures, services delivered, and progress toward established goals. This presentation supports transparency and accountability in the use of public funds and allows the STEM Board to evaluate program effectiveness and community benefit.

**Correlation to the True North Statement:**

Transparency and Trust

**Exhibit:**

**Key Issues:**

**Funding Source:**

N/A

**Recommended Action:**

No action to be taken; this is an informational presentation only.

**ATTACHMENTS:**

- 1. I AM STEM CAMPS

## **Five (5) STEM Sites:**

**Abundant Life**

**Red Shield Boy's & Girl's Club**

**Spread the Word Ministries**

**Powerhouse COGIC**

**Might Technology Center**

**I AM STEM CAMPS**

JUNE & JULY 2025

## NUMBER OF STUDENTS ENROLLED:

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• Abundant Life	22
• Red Shield/Boys & Girls Club	67
• Spread the Word Ministries	24
• Powerhouse COGIC	30
• Might Technology Center	30
• <b>Total Enrollment</b>	<b>173</b>

# SCHOOL AGE DEMOGRAPHICS

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<b>Number of participants:</b>	<b>Race</b>
93	African American
40	White
12	Hispanic
2	Native
26	Other
<b>Total</b> <b>173</b>	

# TEEN DEMOGRAPHICS

<b>Participants</b>	<b>Race</b>
11	African American
8	White
0	Hispanic
0	Native
5	Other
<b>Total 24</b>	

# MEALS SERVED

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- May: 108
- June: 3793
- July: 4183
- Aug: 161
- **Total Meals served: 8245**

# PROGRAM COSTS

Site	Category	Amount Reimbursed	Cost Not Reimbursed
<b><i>ALL SITES</i></b>			
	I AM STEM CAMP	31,500.00	
	Field Trip & other	5695.24	
	Supplies	1933.02	2276.77
	Building Use	2500.00	10976.56
	Transportation	1040.00	2122.63
	Salaries	10,108.05	28195.98
	Food Expense	0.00	39,871.23
<b>Total Reimbursement</b>		<b>52,776.31</b>	
<b>Total Non-Reimbursement</b>			<b>83,443.17</b>

**Item Title:**

Receive a report on an amendment to the Innovation Nexus STEM Strategic Plan approved by City Council on March 24, 2026. The amendment included the following modifications: (1) exempted public trust authorities for which the City of Lawton is the beneficiary from administrative funding caps; (2) realigned the appointment structure of the STEM Board; (3) established funding priorities for TIF revenues dedicated to STEM initiatives; and (4) incorporated the FISTA STEM Lab and FISTA Youth Science Institute (FYSI) into the Strategic Plan’s key objectives.

**Initiator:** Donalynn Blazek-Scherler, City Clerk

**Information Source:** Donalynn Blazek-Scherler, City Clerk

**Background:**

Innovation Nexus, the STEM Strategic Plan, outlines the City of Lawton’s strategy for advancing STEM initiatives as a core component of long-term economic development. As implementation has progressed, refinements were necessary to ensure governance, funding structures, and strategic priorities remain aligned with current initiatives and measurable outcomes.

This amendment clarified that public trust authorities for which the City of Lawton is the beneficiary are exempt from administrative funding caps, realigned the appointment structure of the STEM Board to strengthen oversight and representation, and established clear priorities for TIF revenues dedicated to STEM. It also formally incorporated the FISTA STEM Lab and the FISTA Youth Science Institute (FYSI) into the Strategic Plan’s key objectives, reinforcing the City Council’s commitment to investing industrial development revenues into workforce development, innovation, and long-term economic growth.

**Correlation to the True North Statement:**

A Community of Choice Where Families Thrive

**Exhibit:**

Innovation Nexus- STEM Strategic Plan: Redlined Amendments

**Key Issues:**

N/A

**Funding Source:**

N/A

**Recommended Action:**

No action to be taken. This is an informational presentation only.

**ATTACHMENTS:**

1. Innovation Nexus- STEM Strategic Plan- Amendment 1



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## INTRODUCTION

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**Situation:** In May of 2021 the State of Oklahoma published the 2021-2026 Science & Innovation Strategic Plan. This strategy was published in recognition of the fact that Oklahoma is lagging the rest of the nation in innovation and science and technology. According to the strategy:

“The Milken Institute’s 2020 State Technology and Science Index ranks Oklahoma #45 with respect to innovation, placing us in in the bottom 10th percentile. The Milken Institute’s 2020 State Technology and Science Index ranked Oklahoma dead last in human capital investment at #50. There have been several instances where corporations have passed Oklahoma over as a place to invest due to concerns about the local workforce. The innovation economy currently drives high paying job creation and depends on a consistent and steady flow of STEM workers. According to the U.S. Department of Commerce STEM Jobs 2017 Update, employment in STEM occupations grew much faster than employment in non-STEM occupations over the 2000 – 2010 period (24.4% versus 4%, respectively), and STEM occupations are projected to grow by 8.9% from 2014 to 2024, compared to 6.4% growth for non-STEM occupations. STEM jobs also command higher wages, earning 29% more than their non-STEM counterparts in 2015. With a median household income of \$54,449 based on 2019 Census data, Oklahoma has one of the lowest median household incomes in the nation ranking at #44, putting us in the bottom 15th percentile. Median household income is a strong indicator of a state’s populace’s spending power and economic status.”

The Oklahoma 2021-2026 Science & Innovation Strategic Plan seeks to enable Oklahoma to become a state of innovation. It is believed that “By investing in an innovation economy, Oklahoma can help raise the state’s median household income and average annual wages through the creation of higher paying STEM jobs.” The Oklahoma Innovation strategy seeks growth in biotech/life science, aerospace, autonomous systems, and energy diversification technologies. The Lawton-Fort Sill community is in an exceptional position to be an engine of innovation and economic mobility within the state. The Secretary of the Army has identified the Air Defense Artillery and the Field Artillery as some of the modernization priorities for the Army. Those modernization efforts are being led by Fort Sill. Recognizing the criticality of that modernization to the nation and opportunity for economic growth, the City of Lawton through a community investment program (CIP), established the Fires Innovation Science Technology Accelerator (FISTA). This initiative has already resulted in Science and Technology industry partners bringing STEM jobs to the community. The Lawton-Fort Sill area has similar human capital challenges as the rest of state. This 2023-2028 Lawton STEM Strategy is a road map for

## **Innovation Nexus**

### *STEM Strategic Plan*

growing from our own community the human capital that will lead innovation within the community and State of Oklahoma bringing high paying jobs and economic growth to this region. This strategy seeks increased opportunities for Adults and Children alike to participate in STEM educational and training opportunities in the fields outlined in Oklahoma innovation strategy. It nests within the City of Lawton's overall strategy and Oklahoma STEM strategy. This Strategic Plan should be considered aspirational for the City of Lawton and the Citizens of Lawton alike.

## EXECUTIVE SUMMARY

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1. In May 2021, the State of Oklahoma acknowledged its lagging position in innovation and science and technology compared to the rest of the nation. With the release of the 2021-2026 Science & Innovation Strategic Plan, Oklahoma set out to transform itself into a state of innovation, recognizing the pivotal role STEM (Science, Technology, Engineering, and Math) plays in achieving this vision.
  2. **Vision:** The "Innovation Nexus: STEM Strategic Plan" envisions Lawton, Oklahoma, as a thriving hub for STEM education, innovation, and economic growth, setting the standard for excellence in these crucial fields and uplifting the community's economic status.
  3. **Mission:** To achieve this vision, the mission is to foster a collaborative and inclusive ecosystem that harnesses the collective efforts of community-based initiatives, organizations, and industry partners. The primary goals include advancing STEM education, increasing high school graduation rates, promoting post-secondary STEM training, growing the STEM workforce, and driving economic development in Lawton, OK, and the broader Southwest region, including Comanche County.
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**Key Objectives:**

- a. **Empower Community Initiatives:** Support local organizations in delivering year-round STEM programs and events, ensuring equitable access for all.
- b. **STEM Education:** Improve curriculum, boost teacher involvement, and offer internships for secondary students.
- c. **Fortify Fort Sill Partnership:** Strengthen collaborations with Fort Sill to expand STEM opportunities and maximize resources.
- d. **Facilitate Collaboration:** Foster partnerships among industry, government, nonprofits, and educational institutions to secure funding and create STEM job opportunities.
- e. **Measure and Improve:** Establish a robust measurement system to increase STEM pursuit, access, economic development, median income, and technology jobs.

## Innovation Nexus

### STEM Strategic Plan

4. Governance: To effectively execute this strategy, a deliberate governance structure has been established, comprising an informal Consortium, and a STEM Board, and coordination with the Lawton Economic Development Authority (LEDA). The Consortium, chaired by an industry volunteer, acts as a forum for community-wide collaboration, while the STEM Board is responsible for guiding the strategy, evaluating and approving programs, and ensure ensuring the long-term sustainability and resource mobilization of STEM initiatives. The Lawton Economic Development Authority (LEDA), as the entity responsible for oversight of Tax Increment Financing (TIF) revenues and the STEDI Project Plan, administers funding in compliance with this plan. STEM coordinators will provide administrative support for both entities.
  5. By adopting this comprehensive approach, Lawton, OK, aims to secure its place as a vibrant STEM hub, drive economic mobility through education and training, and enrich the lives of its residents. Through partnerships, innovative initiatives, and a commitment to STEM, Lawton seeks to transform its future and propel its community towards a brighter, more prosperous tomorrow.
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# VISIONARY HORIZONS: THE HEART OF INNOVATIONS NEXUS

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**Vision:** To establish Lawton, Oklahoma as a vibrant hub for Science, Technology, Engineering, and Math (STEM) education, innovation, and economic growth, creating opportunities for economic growth and enriching the lives of its community members. Lawton will lead the state of Oklahoma in STEM preparedness, setting the standard for excellence in these crucial fields.

**Mission:** Our mission is to foster a collaborative and inclusive ecosystem that harnesses the collective efforts of community-based initiatives, organizations, and industry partners to advance STEM education, increase high school graduation rates, promote post-secondary STEM training, grow the STEM workforce, and drive economic development in Lawton, OK and the broader Southwest region to include all Comanche County. At the K-12 level we will focus on the opportunities provided in aerospace and autonomous systems.



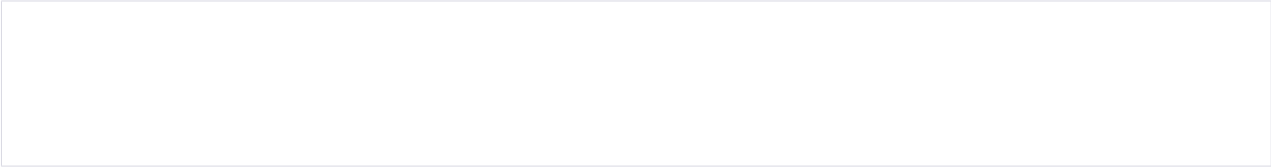
# FORGING THE FUTURE: INNOVATION NEXUS OBJECTIVES

1) **Strengthen Community-Based Initiatives:** Collaborate with churches, non-profits, and other community-based organizations like the Masons, FISTA, and the Chamber of Commerce to develop and support community-based STEM initiatives. Encourage engagement, mentorship, and resource sharing within these organizations to create a strong support network in order to facilitate workforce development. Particular emphasis will be placed on expanding access to STEM programming beyond centralized locations by identifying ways to reach youth in neighborhoods throughout the community. In coordination with community partners, FISTA will develop strategies to deliver or support STEM programming in neighborhoods, ensuring that students who may face transportation or access barriers still have opportunities to participate in high-quality STEM learning experiences.

- a) **Key Result:** Not less than four FISTA sponsored STEM events annually, four STEM events conducted in collaboration with Fort Sill, two competitive STEM Fairs, and one NASA sponsored event.
- b) **Key Result:** STEM programs will be available throughout the academic year. Additionally, STEM programs will be available during the months of June and July ensuring year around access to these programs and that our youth of productive opportunities during the summer recess.
- c) **Key Result:** Community based STEM programs sponsored by non-profits, churches, and volunteer organizations are adequately resourced and staffed to provide STEM programs at the point of need in the community and neighborhoods.
- d) **Key Result:** Leverage existing programs like the 1<sup>st</sup> LEGO League, 1<sup>st</sup> Robotic League and the 1<sup>st</sup> Technology league to increase STEM involvement by youth K-12. 1<sup>st</sup> LEGO League will be operational by Spring 2024.
- e) **Key Result:** Every child no matter social economic conditions is provided an opportunity to participate in STEM programs.



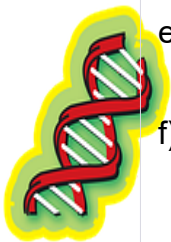
- f) **Key Result:** Increase the available STEM capable workforce by not less than 10%.



**2) Enhance STEM Education: Partner with local schools, FISTA, and educational institutions to improve STEM curriculum, provide professional development for teachers, and increase access to quality STEM education. Develop innovative teaching approaches, such as project-based learning and hands-on activities, to enhance student engagement and learning outcomes. The strategy will leverage community assets including the FISTA STEM Lab and FISTA Youth Science Institute (FYSI) to provide hands-on learning environments, workforce preparation, and advanced STEM programming for students and teachers throughout the Lawton-Fort Sill region.**



- a) Key Result: Increase funding for STEM education and certification by 5% each year for the next five years.
- b) Key Result: Increase the number of teachers participating STEM education opportunities by 5% annually for the next five years.
- c) Key Result: Increase STEM certification of LPS teachers by 5% annually.
- d) Key Result: Increase STEM AP participation by secondary students by 5% annually.
- e) Key Result: Establish an internship program for 10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup> STEM students in collaboration with the FISTA, Industry Partnerships and Fort Sill.
- f) Key Result: Utilize the FISTA STEM Lab as a central location for hands-on STEM programming, demonstrations, workforce development activities, and collaborative projects between industry, education, and government partners.
- g) Key Result: Utilize FISTA Youth Science Institute (FYSI) as a regional hub for advanced STEM education, mentorship, and applied learning opportunities for students.



**3) Foster Collaboration with Fort Sill: Establish strategic partnerships with Fort Sill, leveraging their resources and expertise in STEM fields. Collaborate on joint initiatives, share best practices, and create opportunities for Fort Sill personnel to**

**engage with the local community, particularly in educational and mentorship programs.**

- a) Key Result: Increased participation of Fort Sill personnel in STEM Programs throughout the enterprise through school partnerships and community-based volunteerism.
- b) Key Result: Four Fort Sill sponsored STEM events (secondary students) in collaboration with the STEM consortium.
- c) Key Result: 100% fill of available space at the Department of Army sponsored Star Base on Fort Sill.



**4) Promote Collaboration: Facilitate partnerships between local industry partners; state and federal entities; nonprofits; and educational institutions to bridge the gap between academia and the workforce. Establish internship programs, mentorship opportunities, and cooperative research projects to expose students to real-world STEM applications and enhance their employability.**

- a) Key Result: Increased funding from local industry partners; state and federal entities; and nonprofits; for STEM programs with a goal of \$500K per year.
- b) Key Result: Every STEM business in the Lawton Fort Sill area provides internship opportunity for no less than two interns annually.
- c) Key Result: Placement of all STEM graduates from Cameron University and Great Plains seeking STEM jobs with industry or government entities.

**5) Measure and Improve: Implement a robust measurement system to track progress and outcomes. Regularly assess the average per capita income, high school graduation rates, post-secondary STEM enrollment, economic development indicators, and tax revenue generated by technology-related businesses. Use this data to identify areas for improvement and adjust strategies accordingly.**

- a) Key Result: 25% increase in secondary students seeking STEM degrees or certifications post high school.
- b) Key Result: 100% of K-12 participate in STEM programs.

## Innovation Nexus

### STEM Strategic Plan

- c) Key Result: 10% increase in tax revenue (2% per year) due to increased STEM economic development in the community.
- d) Key Result: 10% increase in median income for Lawton (2% per year).
- e) Key Result: Secure at least one technology centric production facility with not less than 100 technology-based jobs.
- f) Key Result: Continued growth of industry partners at the FISTA.



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# GUIDING THE NEXUS: GOVERNANCE

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To achieve the proffered Vision the community will need to come together in a deliberate way that utilizes deliberative governance processes to execute and monitor achievement of the objectives laid out in this Strategy. To that end, a Consortium of stakeholders from academic (Great Plains, collegiate and elementary through secondary), industry, city government, non-profits, churches, and Fort Sill has been established to synchronize efforts across the broad STEM enterprise. The Consortium will be chaired by a volunteer from Industry who has a passion for growing STEM in the community. The chair will be appointed by mayor's office and will serve for not less than a year. The consortium is going to drive the coordination, integration, and synchronization of the execution of the STEM strategy – enabling successful events and determining (and pursuing) needed resources. A smaller more deliberate STEM board charged with securing enduring resourcing and providing governance. This board will consist of representatives from academia, Lawton city government, community-based organizations, and Fort Sill. The board will play a crucial role in overseeing the implementation of the STEM strategy and ensuring its long-term sustainability. In addition to the Board and Consortium, the FISTA and City of Lawton are hiring STEM coordinators to assist with day-to-day implementation of the STEM programs and the administration of Board and Consortium.

## Key Components of the STEM Board

**1. Representation:** The STEM board will include representation from academia, Lawton city government, community-based organizations, and Fort Sill. This will ensure a comprehensive perspective and collaboration among key stakeholders. Members will serve a term of one year and be drawn from the Consortium. Composition of board follows:

- a. Board Chairman (appointed by the mayor's office)
- b. Deputy Board Chairman (~~appointed~~ Selected by FISTA the Industry STEM Partners from the current slate of board members)
- c. Cameron X 1
- d. Lawton Public Schools X 1
- e. Great Plains X 1
- f. Industry STEM partners X 2
- g. Chamber of Commerce X 1
- h. ~~STEM non-profits X 1~~
- i. Economic Development/ Workforce Representative
- j. Fort Sill (Non-Voting)

**2. Strategic Planning:** The board will be responsible for developing a strategic plan that outlines the objectives, action steps, and timelines for implementing the STEM strategy. The plan will consider the long-term sustainability of initiatives and allocate resources effectively. The Board will continuously assess the accomplishment of the Key Objectives and Key Results. The STEM strategy will be updated annually based on that continuous assessment. A dashboard will be developed that tracks the accomplishment of the Key Objectives and Key Results. At each Board meeting the dashboard will be utilized to guide decision and revise implementation of this strategy.

**3. Resource Mobilization:** The board will actively seek funding and resources from various sources, such as grants, partnerships with businesses, and community fundraising. They will work to secure enduring funding to support the implementation and growth of STEM initiatives in Lawton. The board will work with the consortium to securing revenue streams with each forum equally responsible for developing STEM resources. Administrative expenses will be strictly limited to a maximum of fifteen percent of the acquired funds, thereby ensuring that a substantial eighty-five percent of the funding directly benefits the youth engaged in STEM activities. Initial funding is available through Skills Training, Education, Development, and Investment (STEDI) project plan with oversight from the Lawton Economic Development Activity. This administrative cap shall not apply to public trust authorities for which the City of Lawton is the beneficiary, including those administering economic development or STEM-related initiatives funded through TIF or other public investment mechanisms.

Funding dedicated to STEM initiatives through Tax Increment Financing (TIF) revenues and other economic development sources shall be allocated in a manner that strengthens the long-term STEM ecosystem within the Lawton–Fort Sill community.

Priority for these funds shall include:

#### 1. FISTA STEM Lab and Community Outreach

Support for the FISTA STEM Lab and associated programming, including efforts to expand STEM opportunities throughout the community. This includes outreach initiatives designed to deliver STEM programming in neighborhoods across Lawton, ensuring broader access to hands-on STEM education and engagement.

#### 2. FISTA Youth Science Institute (FYSI)

Funding to support the development and operation of the FISTA Youth Science Institute, including advanced STEM education programming, mentorship opportunities, and workforce preparation initiatives for students throughout the Lawton–Fort Sill region.

#### 3. Community Initiative Grants

A fixed annual allocation shall be designated for community initiative grants to support nonprofit organizations, community groups, churches, and other partners delivering STEM programming and activities within the community.

#### 4. STEM Competitions and Student Participation

Support for hosting state, national, and international STEM competitions within the Lawton–Fort Sill community. These events promote the region as a STEM hub and provide opportunities for local students to compete at a high level. Funding may also support student participation in STEM competitions held within the region.

Funding may also support student participation in STEM competitions held within the region when students have demonstrated exceptional performance. Determinations regarding such travel assistance shall be made by the STEM Board on a case-by-case basis.

**4. Governance and Accountability:** The board will establish governance frameworks, policies, and guidelines to ensure transparency, accountability, and effective decision-making. They will regularly monitor progress, evaluate outcomes, and adjust the strategy as needed. The STEM coordinators for the FISTA and the City of Lawton will serve as the executive agents for the board and will provide administrative support to both the Board and the broader Consortium. The STEM Board shall follow the Oklahoma Open Meetings Act.

**5. Collaboration and Coordination:** The board will facilitate collaboration and coordination among different stakeholders, leveraging the strengths and expertise of each partner. They will encourage information sharing, identify synergies, and promote a unified approach to STEM education and economic development.

6. The Board will meet ~~monthly~~. as determined by the Chair.

7. The board will be appointed NLT March 29, 2024.

By establishing a dedicated STEM board, Lawton, OK can ensure the long-term success of the STEM strategy, secure enduring resources, and establish effective governance structures. This collaborative approach will enable the community to work together towards achieving the

vision of becoming a vibrant STEM hub, fostering economic mobility, and enriching the lives of Lawton's residents. In addition to the Board the FISTA and City of Lawton respectively hope to source STEM coordinators to synchronize and enable community programs across the STEM enterprise. These coordinators will be charged with assisting the STEM board with achieving the objectives of this strategy. Collectively the Board, Consortium, and STEM coordinators are responsible for achieving the following objectives.

#### **Key Components of the STEM Consortium**

The Consortium is an inclusive forum that brings together **all** the STEM stakeholders on a reoccurring basis. The Consortium will be chaired and administered by the chairman of the STEM board. The Consortium membership will:

1. Meet monthly and will meet ad hoc as necessary. It will be the link between the STEM board and the broader community.
2. The Consortium will work with the Board to implement the STEM strategy and execute the STEM events outlined in this strategy and other STEM opportunities.
3. The Consortium will seek to expand community sponsorship of STEM throughout the community and the Southwest region.
4. The Consortium will leverage the broad membership to advocate for high tech jobs, pursue STEM sponsors, and market STEM initiatives.
5. The Consortium with its broad representative will seek to secure resourcing in support of the execution of this strategy.

## **EMBRACING TOMORROW: CLOSING THOUGHTS FOR INNOVATION NEXUS**

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By aligning community-based initiatives, leveraging partnerships with Fort Sill, and maximizing collaboration with industry partners, Lawton, OK can drive economic mobility for future generations. This comprehensive approach aims to increase average per capita income, improve high school graduation rates, boost enrollment in post-secondary STEM education, attract technology-related businesses, and generate increased tax revenue, all contributing to the overall growth and prosperity of the Lawton community. We will create a culture that centers around the pursuit of economic mobility through education, community programs, training and STEM programs for all ages and all social economic backgrounds.



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**Item Title:**

Consider revising the total STEM Board funding amount and establishing funding distribution for Fiscal Year Ending 2027 (FYE2027) among Community-Based Partners and independent STEM applicants and take action as deemed necessary.

**Initiator:** Richard Rogalski- LEDA Executive Director

**Information Source:** Richard Rogalski- LEDA Executive Director

**Background:**

The STEDI Project Plan allocates funding to support STEM-related initiatives that advance education, workforce development, and innovation within the community. As program needs and funding requests have evolved, it is appropriate to revisit both the total allocation dedicated to STEM initiatives and the structure by which those funds are distributed.

**Correlation to the True North Statement:**

Community of Choice Where Families Thrive

**Exhibit:****Key Issues:****Funding Source:****Recommended Action:**

Revise the total STEM Board funding allocation and establish funding distributions for FYE2027 among Community-Based Partners and independent STEM applicants and take action as deemed necessary.

**ATTACHMENTS:**

1. STEM Funding Table 2026
2. STEM Funding Level 2026

# STEM Funding Plan:

4/6/2026

## Projected TIF Revenue Data:

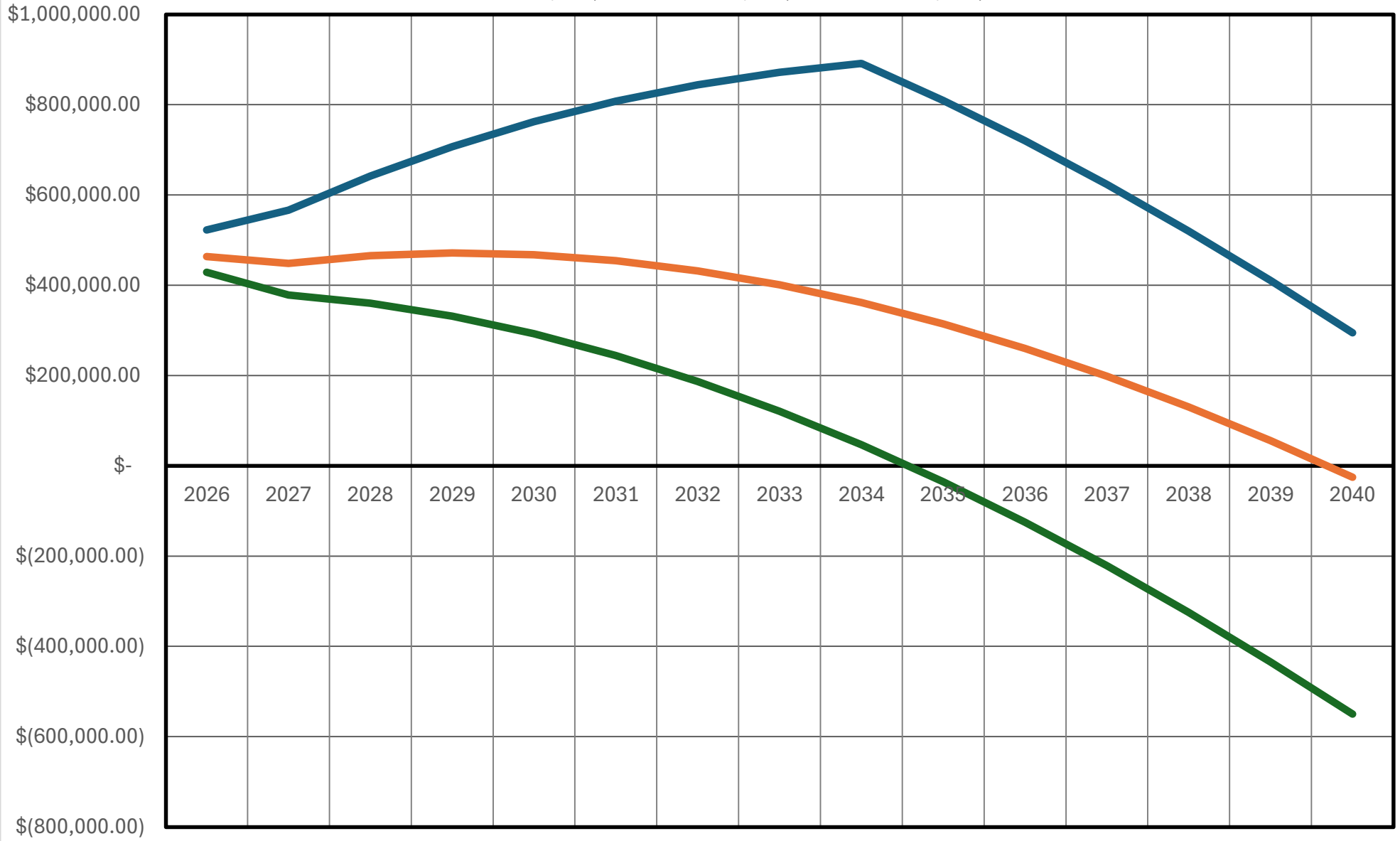
Depreciation Adjustment: 5%

TIF Year	1	2	3	4	5	6	7	8
TIF Revenue	2025	2026	2027	2028	2029	2030	2031	2032
TIF 3 - Republic	\$ 1,193,082.04	\$ 1,133,427.94	\$ 1,076,756.54	\$ 1,022,918.71	\$ 971,772.78	\$ 923,184.14	\$ 877,024.93	\$ 833,173.69
TIF 4 - Pepsico	\$ 163,000.00	\$ 163,000.00	\$ 163,000.00	\$ 163,000.00	\$ 163,000.00	\$ 163,000.00	\$ 163,000.00	\$ 163,000.00
TIF 5 - Fisher59		\$ 166,000.00	\$ 166,000.00	\$ 166,000.00	\$ 166,000.00	\$ 166,000.00	\$ 166,000.00	\$ 166,000.00
TIF 6 - Westwin Pilot		\$ 157,000.00	\$ 157,000.00	\$ 157,000.00	\$ 157,000.00	\$ 157,000.00	\$ 157,000.00	\$ 157,000.00
TIF 7 - Firehawk			\$ 300,000.00	\$ 600,000.00	\$ 570,000.00	\$ 541,500.00	\$ 514,425.00	\$ 488,703.75
<b>Total TIF Revenue:</b>	<b>\$ 1,356,082.04</b>	<b>\$ 1,619,427.94</b>	<b>\$ 1,862,756.54</b>	<b>\$ 2,108,918.71</b>	<b>\$ 2,027,772.78</b>	<b>\$ 1,950,684.14</b>	<b>\$ 1,877,449.93</b>	<b>\$ 1,807,877.44</b>
10% STEM Distribution (Cache)	\$ 15,403.16	\$ 16,659.94	\$ 19,801.40	\$ 22,979.45	\$ 21,931.83	\$ 20,936.58	\$ 19,991.10	\$ 19,092.89
10% STEM Distribution (Lawton)	\$ 120,205.04	\$ 145,282.86	\$ 166,474.25	\$ 187,912.42	\$ 180,845.45	\$ 174,131.83	\$ 167,753.89	\$ 161,694.85
Adjusted STEM Percentage Lawton	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%
Adjusted STEM Distribution Lawton	\$ 180,307.56	\$ 217,924.29	\$ 249,711.38	\$ 281,868.62	\$ 271,268.17	\$ 261,197.75	\$ 251,630.84	\$ 242,542.28
Annual Lawton STEM Budget	\$ (206,130.00)	\$ (206,130.00)	\$ (206,130.00)	\$ (206,130.00)	\$ (206,130.00)	\$ (206,130.00)	\$ (206,130.00)	\$ (206,130.00)
Proposed Annual STEM Budget V1		\$ (265,000.00)	\$ (265,000.00)	\$ (265,000.00)	\$ (265,000.00)	\$ (265,000.00)	\$ (265,000.00)	\$ (265,000.00)
Proposed Annual STEM Budget V2		\$ (300,000.00)	\$ (300,000.00)	\$ (300,000.00)	\$ (300,000.00)	\$ (300,000.00)	\$ (300,000.00)	\$ (300,000.00)
Projected Lawton STEM Balance:	\$ 515,000.00	\$ 526,794.29	\$ 570,375.66	\$ 646,114.29	\$ 711,252.46	\$ 766,320.21	\$ 811,821.05	\$ 1,260,493.32
Projected Lawton STEM Balance V1:		\$ 467,924.29	\$ 452,635.66	\$ 469,504.29	\$ 475,772.46	\$ 471,970.21	\$ 458,601.05	\$ 436,143.32
Projected Lawton STEM Balance V2:		\$ 432,924.29	\$ 382,635.66	\$ 364,504.29	\$ 335,772.46	\$ 296,970.21	\$ 248,601.05	\$ 191,143.32

TIF Year	9	10	11	12	13	14	15	16
TIF Revenue	2033	2034	2035	2036	2037	2038	2039	2040
TIF 3 - Republic	\$ 791,515.00	\$ 751,939.25	\$ 714,342.29	\$ 678,625.17	\$ 644,693.92	\$ 612,459.22	\$ 581,836.26	\$ 552,744.45
TIF 4 - Pepsico	\$ 163,000.00	\$ 163,000.00	\$ 163,000.00	\$ 163,000.00	\$ 163,000.00	\$ 163,000.00	\$ 163,000.00	\$ 163,000.00
TIF 5 - Fisher59	\$ 166,000.00	\$ 166,000.00	\$ 166,000.00	\$ 166,000.00	\$ 166,000.00	\$ 166,000.00	\$ 166,000.00	\$ 166,000.00
TIF 6 - Westwin Pilot	\$ 157,000.00	\$ 157,000.00	\$ 157,000.00	\$ 157,000.00	\$ 157,000.00	\$ 157,000.00	\$ 157,000.00	\$ 157,000.00
TIF 7 - Firehawk	\$ 464,268.56	\$ 441,055.13	\$ 419,002.38	\$ 398,052.26	\$ 378,149.65	\$ 359,242.16	\$ 341,280.06	\$ 324,216.05
<b>Total TIF Revenue:</b>	<b>\$ 1,741,783.56</b>	<b>\$ 1,678,994.39</b>	<b>\$ 1,619,344.67</b>	<b>\$ 1,562,677.43</b>	<b>\$ 1,508,843.56</b>	<b>\$ 1,457,701.38</b>	<b>\$ 1,409,116.31</b>	<b>\$ 1,362,960.50</b>
10% STEM Distribution (Cache)	\$ 18,239.59	\$ 17,428.96	\$ 11,249.37	\$ 10,788.25	\$ 10,350.19	\$ 9,934.02	\$ 9,538.67	\$ 9,163.08
10% STEM Distribution (Lawton)	\$ 155,938.76	\$ 150,470.48	\$ 108,784.86	\$ 105,674.27	\$ 102,719.21	\$ 99,911.90	\$ 97,244.96	\$ 94,711.36
Adjusted STEM Percentage Lawton	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%
Adjusted STEM Distribution Lawton	\$ 233,908.14	\$ 225,705.72	\$ 217,913.41	\$ 210,510.72	\$ 203,478.16	\$ 196,797.24	\$ 190,450.35	\$ 184,420.82
Annual Lawton STEM Budget	\$ (206,130.00)	\$ (206,130.00)	\$ (206,130.00)	\$ (206,130.00)	\$ (206,130.00)	\$ (206,130.00)	\$ (206,130.00)	\$ (206,130.00)
Proposed Annual STEM Budget V1	\$ (265,000.00)	\$ (265,000.00)	\$ (265,000.00)	\$ (265,000.00)	\$ (265,000.00)	\$ (265,000.00)	\$ (265,000.00)	\$ (265,000.00)
Proposed Annual STEM Budget V2	\$ (300,000.00)	\$ (300,000.00)	\$ (300,000.00)	\$ (300,000.00)	\$ (300,000.00)	\$ (300,000.00)	\$ (300,000.00)	\$ (300,000.00)
Projected Lawton STEM Account Balance:	\$ 1,194,401.46	\$ 1,120,107.18	\$ 1,038,020.59	\$ 948,531.31	\$ 852,009.47	\$ 748,806.71	\$ 639,257.06	\$ 523,677.88
	\$ 405,051.46	\$ 365,757.18	\$ 318,670.59	\$ 264,181.31	\$ 202,659.47	\$ 134,456.71	\$ 59,907.06	\$ (20,672.12)
	\$ 125,051.46	\$ 50,757.18	\$ (31,329.41)	\$ (120,818.69)	\$ (217,340.53)	\$ (320,543.29)	\$ (430,092.94)	\$ (545,672.12)

### STEM Fund Balance vs Funding Level

— \$206,130    — \$260,000    — \$300,000



**Item Title:**

Consider a Community-Based Organization (CBO) Partner Funding Agreement Request from Quest of Oklahoma, Inc. in the amount of \$75,000.00 for the May 1, 2026 through April 30, 2027 STEM funding cycle and take action as deemed necessary.

**Initiator:** Donalynn Blazek-Scherler, City Clerk

**Information Source:** Donalynn Blazek-Scherler, City Clerk, Richard Rogalski- LEDA Executive Director, Bernita Taylor- Quest

**Background:**

Quest has submitted a request to serve as the designated Community-Based Organization (CBO) Partner for the 2026–2027 STEM funding cycle, with a proposed funding allocation of \$75,000.00. The CBO Partner is selected annually and is responsible for evaluating, administering, and disbursing STEM funding to community-based organizations delivering local STEM programming and initiatives.

Under the established Standard Operating Procedure (SOP), CBO Partners operate under an agreement with the STEM Board and the Lawton Economic Development Authority (LEDA) and are tasked with ensuring that all funded programs align with the Innovation Nexus STEM Strategic Plan, meet eligibility requirements, and comply with reporting and budgetary standards.

This request supports the Strategic Plan’s objective to strengthen community-based STEM initiatives by resourcing nonprofit organizations, churches, and other grassroots partners to deliver programming directly within the community, including expanded access to underserved neighborhoods.

If approved, Quest will serve as the primary administrator of community STEM funds for the 2026–2027 cycle, managing application intake, evaluation, funding distribution, and compliance in accordance with the adopted SOP and Strategic Plan.

**Correlation to the True North Statement:**

Community of Choice Where Families Thrive

**Exhibit:**

Funding Request; Proposed Budget

**Key Issues:**

**Funding Source:**

STEM TIF Revenue

**Recommended Action:**

Consider a Community-Based Organization (CBO) Partner Funding Agreement Request from

Quest in the amount of \$75,000.00 for the May 1, 2026 through April 30, 2027 STEM funding cycle and take action as deemed necessary.

**ATTACHMENTS:**

1. QUEST of Oklahoma 2026 CBO Application

## **Scope of Work: QUEST of Oklahoma, Inc. and the STEM Consortium Non-Profit Programs - Summer 2026**

### **1. Project Description**

The QUEST of Oklahoma, Inc. and the STEM Consortium Non-Profit Programs will serve youth across five I AM STEM & ESTEAM (Science, Technology, Engineering, Aviation & Math) Camp sites, the Teen Achievers Summer Career Readiness Program, and the FIRST LEGO League for the 2026-2027 school year. These programs are designed to provide STEM education, career readiness training, and robotics-based learning to youth from kindergarten through 12th grade who come from low-to-moderate-income families based on national poverty guidelines.

The I AM STEM Camp is a collaborative effort to provide technology, engineering, and mathematics instruction integrated into science education while embracing participants' cultural backgrounds and community needs.

The Teen Achievers Program is a year-round initiative that fosters academic achievement, leadership, career development, and family engagement. Through structured mentorship, job training, and industry exposure, students develop the skills necessary to transition successfully into adulthood.

The ESTEAM League provides hands-on robotics and coding experiences to introduce young learners to engineering, teamwork, and critical thinking skills through real world LEGO-based challenges.

### **2. Program Offerings**

#### **A. I AM STEM Camp (Grades K - 6)**

The I AM STEM Camp will operate across five sites strategically located in underserved neighborhoods with at-risk youth. In Summer 2024, the program successfully provided virtual and in-person instruction to 100 students daily. In Summer 2025, an additional site at the Boys and Girls Club was added, increasing the total capacity to 160 students daily. The goal for the Summer of 2026 is to reach a daily average of 175 students.

### Key Components:

- STEM Curriculum: Hands-on learning in engineering, robotics, drones, electrical, environmental science, and coding.
- Project-Based Learning: Students participate in team-based problem-solving challenges.
- Virtual & In-Person Collaboration: Students in the I Am STEM camp engage with at-risk youth in other states.
- Meal Support: Free breakfast and lunch for all participants, provided by MIGHT CDRC.
- Field Trips: All sites will have at least one joint field trip.
- Parent Engagement: All sites will have at least one parent event.
- Culmination Ceremony: A closing event celebrating student projects and achievements.

**The Performance Goal for this program is 175 students**

### B. Teen Achievers Summer Career Readiness Program (Ages 14-18)

The Teen Achievers Program provides career development, leadership training, and hands-on work experience. In Summer 2024, 30 teens participated in the career readiness program while serving as interns supporting the STEM Camp. They also contributed to the summer feeding program, serving over 9,200 meals across six sites. In the Summer of 2025, 33 teens participated in the career readiness and internship programs, serving nearly 10,000 meals. In the Summer of 2026, the goal is to have 35 teen participants.

### Key Components:

- Career Readiness Training: Resume building, interview preparation, and workplace professionalism.
- Mentorship & Industry Exposure: Collaboration with Cameron University, Great Plains Technology Center, Ft. Sill, KSWO, Military Branches, Lawton-Ft. Sill Airport, Arvest Bank, and other local organizations.
- Job Shadowing & Internships: Hands-on work experience with local businesses.
- Professional Skill Development: Training in conflict resolution, active listening, and teamwork.
- Community Engagement: Teens will serve as interns, helping with STEM Camp activities and meal services.

### Career Readiness Timeline:

- Start Date: May 25, 2026
- End Date: July 31, 2026

- Core Activities:
- Writing an essay titled “Why Should I Be Hired?”
- Obtaining three professional references.
- Completing job applications for summer positions.
- Participating in mock interviews.
- Completing onboarding, orientation, team building, performance evaluations and food safety training.
- Assisting in meal preparation and service at STEM Camp sites.

### C. ESTEAM League (Ages 4-6 & Grades 2-5)

The FIRST LEGO League is a Life-style STEM-based robotics and engineering program designed to introduce students to critical thinking, creativity, and problem-solving. This program will operate during the 2026-2027 school year and provide students with opportunities to develop coding, engineering, and teamwork skills.

#### Key Components:

##### Pre-K & Kindergarten (Ages 4-6):

- Discovery First Lego League
- Hands-on LEGO building, simple engineering challenges, and early coding through storytelling.

##### Grades 2-5:

- LEGO Robotics Challenges: Students will design, build, and program LEGO robots.
- Coding & Engineering Concepts: Introduction to block-based coding and mechanical design.
- Team-Based Problem-Solving: Collaborative projects and local competitions.
- STEM Exploration & Mentorship: Guidance from industry professionals and educators.
- Life style approaches to everyday life exposure to STEAM in the real-time world.

#### ESTEAM League Timeline:

- Program Duration: 2026-2027 School Year
- Competition: Students will have opportunities to compete in local LEGO robotics events.
- Hub and Satellite learning experiences

**The Performance Goal for this program is 175 students.**

### 3. Scope of Work & Program Requirements

#### I AM STEM Camp Scope of Work

- Program Duration: June- July 2026
- Participant Age Group: K-6 students from low-income, at-risk communities
- Meals Provided: Free breakfast and lunch
- Parental Engagement: One mandatory parent event per site
- Field Trip Participation: All sites will attend a joint STEM field trip
- End-of-Summer Showcase: Final presentation of student projects and achievements

#### Teen Achievers Scope of Work

- Program Duration: May 25, 2026 – July 31, 2026
- Target Age Group: 14-18 years old
- Job Application Process: Students must complete applications, essays, and interviews
- Internship & Work Experience: Participants will assist with STEM Camp operations and meal services
- Professional Development: Weekly goal setting and career coaching sessions

#### ESTEAM League Scope of Work

- Program Duration: 2026-2027 School Year
- Target Age Group: Ages 4-6 & Grades 2-5
- Program Structure: LEGO-based robotics and engineering activities
- Competition Participation: Students will enter local LEGO challenges
- **The Performance Goal for this program is 5 teams with 5 students per team from community-based non-profit organizations.**

### 4. Expected Results

#### I AM STEM Camp Participants Will Gain:

- Equitable access to high-quality STEM programs.
- Hands-on STEM learning experiences that foster independence and creativity.
- Collaborative learning opportunities with students in other states.
- Academic retention and skill-building over the summer.
- Nutritious meals throughout the program.

Teen Achievers Participants Will Gain:

- Real-world career skills and leadership training.
- Networking opportunities with professionals and business leaders.
- Increased confidence in job interviews and workplace settings.
- Valuable internship and work experience.

ESTEAM League Participants Will Gain:

- Early exposure to STEM and engineering principles.
- Improved problem-solving and collaboration skills.
- Experience in robotics and coding through hands-on challenges.
- Opportunities to compete in local STEAM competitions.

## **5. Management & Oversight**

Program Site Conditions:

- **Staff Training:** Each site must have trained instructors in I AM STEM curriculum.
- **Meal Standards:** All meals must meet Summer Food Service Program (SFSP) requirements.
- **Full Program Participation:** Sites must commit to the full duration of the camp or school-year program to receive reimbursements.
- Each site will receive a designated funding allocation for site directors. All other staffing and volunteer needs are the responsibility of the individual site.
- All program-related parent paperwork must be completed and submitted to Might CDRC before participants are allowed to attend. Parents should be strongly encouraged to participate in Parent Orientation.
- Each site is required to maintain accurate attendance records and collect relevant program data, which must be submitted to Might CDRC.
- To receive program reimbursements, all sites must submit invoices and receipts to Might CDRC.
- All I Am STEM sites will participate in at least one (1) joint field trip.
- All I Am STEM sites will use I Am STEM Camp for the summer of 2026.
- All 2026-2027 ESTEAM sites will follow the courses and curriculum provided for ESTEAM.
- All 2026-2027 ESTEAM sites will build at least one ESTEAM team or collaborate with another site to help develop a ESTEAM team.

- All 2026-2027 ESTEAM sites will promote, collaborate, plan and attend a local ESTEAM Competition Event.

#### Program Director's Responsibilities:

- Oversight of program staff and instructors.
- Coordination of classes, field trips, and events.
- Ensuring at least 80% of participants meet program eligibility requirements.
- Budgeting, purchasing, and financial documentation for grant compliance.

#### Program Evaluation

- Pre- and post-program surveys to assess learning outcomes.
- Feedback from students, parents, instructors, and community partners.
- Tracking of student engagement and long-term interest in STEM fields.

**The QUEST of Oklahoma, Inc. STEM Consortium Non-Profit Programs will empower students from underserved communities with STEM education, career readiness, and robotics training. By integrating mentorship, hands-on learning, and real-world applications, these programs will bridge educational equity gaps and prepare students for future academic and professional success.**

**Item Title:**

Consider a STEM Funding Request from Crystallyn Guest/ CG Collective Group (Luv 4 STEM) & STEM 4 All in the amount of \$9,941,349.77 for the May 1, 2026 through April 30, 2027 STEM funding cycle and take action as deemed necessary.

**Initiator:** Donalynn Blazek-Scherler, City Clerk

**Information Source:** Donalynn Blazek-Scherler, City Clerk, Richard Rogalski- LEDA Executive Director, Crystallyn Guest- CG Collective Group

**Background:**

Crystallyn Guest, on behalf of CG Collective Group (Luv 4 STEM) and STEM 4 All, has submitted a STEM Funding Request in the amount of \$9,941,349.77 for the May 1, 2026 through April 30, 2027 funding cycle. The proposed “STEM Horizon Alliance Project” is intended to expand STEM education and workforce development through mobile programming, community partnerships, and technology-based learning initiatives.

The request was submitted in accordance with the established Standard Operating Procedure (SOP) and is being presented to the STEM Board for evaluation based on alignment with the Innovation Nexus STEM Strategic Plan, anticipated impact, and available funding.

The Strategic Plan prioritizes expanding access to STEM programming and strengthening workforce development across the Lawton–Fort Sill region. The proposed project generally aligns with these objectives and is presented for consideration and action as deemed appropriate.

**Correlation to the True North Statement:**

Community of Choice Where Families Thrive

**Exhibit:**

Funding Request; Proposed Budget

**Key Issues:**

**Funding Source:**

STEM TIF Revenue

**Recommended Action:**

Consider a STEM Funding Request from Crystallyn Guest/ CG Collective Group (Luv 4 STEM) & STEM 4 All in the amount of \$9,941,349.77 for the FYE 2027 STEM funding cycle and take action as deemed necessary.

**ATTACHMENTS:**

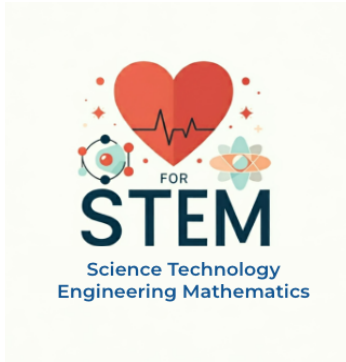
- 1. CG Collective- 2026 STEM Funding Application





# **Crystallyn Guest/CG Collective Group (Luv 4 STEM) & STEM 4 ALL**

May 1, 2026 to April 30, 2027  
Application Deadline: March 31, 2026





STEM FUNDING REQUEST FORM

Grant Period: May 1, 2026 to April 30, 2027

Application Deadline: March 31, 2026

SECTION 1: APPLICANT INFORMATION

Applicant Name / Organization Name:

Crystallyn Guest/CG Collective Group(Luv 4 STEM) & STEM 4 ALL

Points of Contact: Crystallyn Guest and Mr. Deondre Gaines

Mailing Address: 1914 SW 24th Street, Lawton, OK 73505

Email Address: [cgcollectivegroup@gmail.com](mailto:cgcollectivegroup@gmail.com) or [luv4stem@gmail.com](mailto:luv4stem@gmail.com)

Phone Number: 572-572-0994

Type of Applicant (check one): Both

- Individual
- Nonprofit Organization
- Educational Institution
- Business/Private Sector
- Government Agency
- Other:

SECTION 2: PROJECT INFORMATION

Project Title: STEM Horizon Alliance Project

Project Summary (briefly describe your project):

To create a synergistic ecosystem that bridges the gap between classroom learning and industry excellence by titrating our outreach efforts from an initial 3% participation rate to a sustained 90% engagement goal across all targeted communities. By leveraging strategic "contact" partnerships with global leaders—such as Six Flags, NASA, Dell, Boeing, Google, and IBM—we will transform STEM education into a high-impact, accessible "Amazon-style" delivery model that empowers the next generation of innovators.

Target Audience (e.g., K-12 students, teachers, veterans, workforce development):

We are titrating our impact to reach 90% of the population by utilizing a synergistic model that covers Enrollment for youth, Employment for our workforce through partners like Dell and Facebook, and Enlistment of our veterans and community into high-tech drone and AI sectors for example.



**Tier 1: The Foundation (Enrollment & K-12)**

- **The Goal:** Titrating from 3% to 90% engagement.
- **Target:** Elementary, Middle, and High School students (3,000 per month).
- **The "Win":** Creating the "Amazon of STEM" where high-quality kits and mobile labs (like **STEM Mobiles**) remove the barrier to entry. This tier focuses on "Enrollment" in STEM pathways early, specifically targeting all youth with strategic focus **Tribal and Rural youth inclusion**.
- **Key Partners:** Class Matters, Boy & Girls Club, Salvation Army, Girl Scouts, ODE, Six Flags (LUV 4 STEM - STEM Days), Sphero, Lego, VEX, Braum's, Toast & Jam, Starbucks, Viridian, SMO, local communities/businesses, and NASA etc.

**Tier 2: The Bridge (Employment & Workforce)**

**Tier 3: The Specialized Sector (Enlistment & Veterans)**

**Tier 4: The Legacy Tier (Community & State Impact)**

**Summary Table: Impact "Checklist"**

Impact Tier	Core "E"	Primary Driver	Success Metric
Youth/K-12	Enrollment	STEM Mobiles / Six Flags/Pilot Program	90% Participation
Career/Adult	Employment	Facebook/Google/NASA/Dell/NVIDIA / IBM / Career-Tech	Job Placement & \$15+/hr Internships
Specialized/Vet	Enlistment	Drones / FAA/Cybersecurity / NASA	Technical Certifications
Infrastructure	Synergy	State Line Item / CG Collective Group	STEM Campground in Every State



## **Geographic Area Served:**

### **Geographic Impact Strategy: "The Hub & Spoke Model"**

#### **1. The Launch Hub: Southwest Oklahoma (The "Local" Foundation)**

- **Primary Focus:** Lawton, Fort Sill, and the surrounding rural districts.
- **Career-Tech Integration:** Partnering with **Lawton GPTC** and **Francis Tuttle** to create the first certification "hubs."
- **The Tribal Connection:** Direct service to the **Comanche, Kiowa, and Apache** nations (the "Tribes") ensuring 90% engagement in areas often missed by traditional brick-and-mortar programs.

#### **2. The "Spoke" Expansion: Statewide Scalability**

- **The STEM Mobiles (Transit Vans & Upcycled Buses):** This is how you make it "doable" for the whole state. These units serve as "Mobile Maker Spaces" that travel to:
  - **Rural Schools:** Bringing **NASA** and **Dell** technology to districts that can't afford high-end labs.
  - **Local & State Parks & Six Flags:** Utilizing Luv 4 STEM's educational curriculum and line-up including our "STEMcations" (STEM Vacation Bible School) and STEM Days at major attractions in **Oklahoma City** and beyond.
  - **Urban Centers:** Deploying to Boys & Girls Clubs and Foster Care facilities in Lawton, Altus, Ardmore, OKC and Tulsa.

#### **3. The Virtual Overlay: The "International Chain" Foundation**

- **Virtual Classroom Platform:** Using the established platform to provide the curriculum that precedes and follows the physical visit of the STEM Mobile. This ensures that even when the van leaves, the learning continues.

#### **Project Timeline(start and end date):**

*This timeline ensures that the '3 E's'—Enrollment, Employment, and Enlistment—begin impacting the Oklahoma economy by the Q2 2026 kickoff.*

#### **Project Timeline: The "STEM Mobile" Accelerated Launch**

**Project Duration:** April 1, 2026 – Ongoing (Year-Round Programming)



**Phase 1: Strategic Procurement (Immediate Action)**

- **Target Date:** March 31, 2026
- **Objective:** Execute the purchase of the initial **12 STEM Mobiles** (Sprinter Vans) to capitalize on time-sensitive federal/state rebates and manufacturer incentives.
- **Fiscal Impact:** Securing these assets before the **3.31.26** deadline ensures maximum ROI for the State Line Item, reducing the total capital outlay by **Estimated Rebate 2-6 %**.

**Phase 2: Technical Outfitting & Deployment**

- **April 2026 – May 2027**
- **Objective:** Installation of XL Promethean Smart Boards, POS systems, and **NVIDIA-powered AI/Supercomputer setups**.
- **Synergy:** Collaboration with **Great Plains Technology Center (GPTC)** and **Cameron University (CU)** for final technical audits and safety inspections (Ramp accessibility/ADA compliance).

**Phase 3: The "90% Engagement" Pilot**

- **May 2026 – August 2026 (Summer STEM Series)**
- **Target:** 3,000+ students per month across **Lawton Public Schools (LPS), Bishop, Cache, and Tribal partner sites**.
- **Service Model:** Deployment of Mobile Labs to Six Flags "STEM Days" and "STEMcation" Bible Schools.

**Strategic Partnership Matrix (The "Multipliers")**

Stakeholder	Role in Timeline
<b>Higher Ed (CU / GPTC)</b>	Technical certification, intern placement (\$15/hr), and workforce data tracking.
<b>K-12 (LPS / Bishop / Cache, Elgin, Indiahoma, Walters, Clinton, Synder, Altus, etc)</b>	Primary enrollment hubs for the titration to 90% engagement.



<b>Industry (Google/NVIDIA / Dell)</b>	Supply chain support for "STEM Mobile" hardware and AI integration.
<b>Community (Local Community + Tribal Leaders)</b>	Direct access for rural/tribal mobile lab placement.

**Total Amount Requested: \$ \$ 9,941,349.77**

**Total Project Budget: \$9,941,349.77**

**Other Funding Sources (if any):**

**Diversified Funding & Sustainability Model**

**Strategic Funding Strategy:** Our financial model is built on a **synergistic "Hub-and-Spoke" investment strategy**, ensuring long-term sustainability through multiple revenue streams and public-private partnerships.

**1. Public & Institutional Partnerships**

- **In-Kind & Collaborative Support:** We leverage foundational partnerships with **Cameron University (CU)** and **Great Plains Technology Center (GPTC)** for technical infrastructure, intern placement, and shared facility use.
- **District Synergy:** Ongoing collaboration with **Lawton Public Schools (LPS)**, **Bishop**, and **Cache** districts to unlock per-pupil funding and state-level grants.

**2. Aggressive Grant Acquisition**

- **Matching Grant Strategy:** We are actively targeting "High-Growth and Emerging Technology" grants from **Oklahoma CareerTech** (FY27 cycle) and the **Oklahoma Department of Aerospace and Aeronautics (ODAA)** to offset mobile lab costs.
- **Corporate Foundations:** Strategic outreach is underway for matching gift programs with **Dell**, **Boeing**, **Google**, and **IBM** to double the impact of local donations.



### 3. Self-Sustaining Revenue & Private Philanthropy

- **Entrepreneurial Reinvestment:** Profits from my for-profit STEM ventures (including Amazon kit sales and proprietary LMS licensing) are titrated back into the **STEM 4 All 501(c)(3)** to bridge funding gaps.
- **Community Fundraising:** We are launching a high-notoriety **STEM Showcase Series** in Lawton and the OKC Metro, designed to draw 2,000–3,000 attendees monthly to generate individual donor support and brand notoriety.
- **Private Donor Network:** Cultivating "STEM-Minded Legislators" and private philanthropists committed to expanding STEM throughout the state and to **Tribal and Rural** economic development.
- **The Oklahoma Innovation Expansion Program (OIEP) applications officially opened 3.30.31.** This is a perfect match for my "for-profit" ventures that support the STEM mission. **The OIEP application period opened this morning (8 a.m. March 30, 2026)** and closes April 10, the organization is currently preparing a bid for this \$150,000 potential award to support the "new capital investment" of 12 STEM Mobiles.

## SECTION 3: PROJECT IMPACT

**Program Methodology: Data-Driven Remediation** Our initiative is grounded in a **data-driven academic framework** designed to titrate student success toward a **90% proficiency goal**. Recognizing the critical need for literacy in technical fields, **Reading Wednesdays** and **Monday**



**Mathematics** are specifically designed as remediation "on wheels."

By utilizing formative assessments through our **Google Classroom** and **POS tracking systems**, we identify students requiring targeted intervention. On **Fun Fridays**, the STEM Mobiles transform into mobile remediation centers, providing individualized support for struggling learners while offering high-level enrichment for those meeting benchmarks. This ensures that our "Amazon-style" delivery isn't just about speed—it's about **academic precision**. As well as Enrichment. Engines of Success

**Mission:** To become the "Amazon of STEM Engagement" by titrating participation from 10% to **90%** across Tribal and Rural Oklahoma through a synergistic mobile infrastructure.

### **I. The Media & Outreach Engine (The KSWO Factor)**

- **Strategic Media Partnership:** Collaborative segments with **KSWO (7News)** to broadcast "STEM Minutes" and live "STEM Mobile" deployments. This ensures 77-county visibility and brand notoriety.
- **Monthly Showcase Series:** Hosting high-impact events for 2,000–3,000 attendees (Elementary, Middle, High School tiers) with awards and prizes to drive engagement.
- **Public Accountability:** Using KSWO to report on "3 E" success metrics (Enrollment, Employment, Enlistment) to our state and tribal stakeholders.

### **II. The Academic Intervention Model**

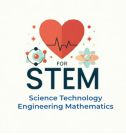
- **Proprietary Dual-Layer LMS.**
- **The Weekly Rigor: A Different Theme every week in the summer**
  - **Monday:** Kinetic Math (Let's Move).
  - **Tuesday:** Tech-Tuesday (Arts for All/NVIDIA/Apple).
  - **Wednesday:** Reading & Literacy Remediation.
  - **Thursday:** Industry Lunch & Learns (NASA/Boeing/Dell).
  - **Friday:** Club Day & Targeted Intervention/Enrichment.

### **III. Infrastructure & Capital Assets**

- **The Fleet:** 12 STEM Mobiles (Sprinter Vans) and upcycled buses/shipping containers.
- **Technical Stack:** XL Promethean Smart Boards, POS systems, and personal company supercomputer setups for high-level AI training.

**Describe how this project promotes STEM education, workforce development, or innovation:**

**Promotion of STEM Education, Workforce Development, and Innovation**



## 1. Elevating STEM Education through "Amazon-Style" Accessibility

This project revolutionizes STEM education by removing the "geographical lottery." While traditional labs are stationary, our **12 STEM Mobiles** act as a high-speed delivery system for Tier-1 excellence.

- **Data-Driven Rigor:** Using our **Proprietary Dual-Layer LMS** (Google Classroom + Bright Thinker), we provide individualized **titration of learning**.
- **The Weekly Academic Cycle:** From **Monday Mathematics (Let's Move)** to **Reading Wednesdays**, we ensure that STEM is not just an "activity" but a core academic intervention that fixes remediation gaps in Rural and Tribal districts.

## 2. Workforce Development: The "3 E's" Pipeline

We aren't just teaching students; we are building Oklahoma's future workforce in direct alignment with the **Oklahoma 2030 Strategic Plan**.

- **Enrollment:** We capture interest early (K-12) to ensure a 90% engagement rate in high-growth pathways.
- **Employment:** By partnering with **NVIDIA, Dell, and IBM**, we provide students with the exact "Supercomputer" and "POS" skill sets required for \$15/hr+ internships and immediate career entry.
- **Enlistment:** We prepare veterans and youth for mission-critical roles in **Aerospace (NASA/Boeing)** and **Cybersecurity**, ensuring Oklahoma remains a leader in national defense and innovation.

## 3. Catalyzing Innovation through Media & Technology

This project is a pioneer in "Educational Notoriety." \* **The KSWO Innovation Hub:** Our partnership with **KSWO (7News)** creates a public-facing "Innovation Lab" where students see their work broadcast statewide. This "Social Proof" drives a culture of excellence that traditional classrooms cannot replicate.

- **Advanced Prototyping:** With **XL Promethean Smart Boards** and mobile maker spaces, students aren't just reading about innovation—they are building it. We are "titrating up" the complexity of student projects from simple kits to Amazon-ready retail products.
- **STEM Horizon Alliance Project Incubator- Cultivating Apprenticeships/Internships and Future Entrepreneurs of our state:** Instead of people referring to Lawton as a place one gets trapped I want people flocking here to start, create, and innovate in the STEM Horizon Incubator.

**Expected Outcomes (quantifiable, if possible):**

**Table: The 5-Year STEM Titration Roadmap (Standard-Aligned)**

Year	Target Engagement	Strategic Milestone: The Activation Phase
<b>Year 1</b>	<b>0% → 8%</b>	<b>Infrastructure Launch:</b> Deployment of the first 12 STEM Mobiles. Establishing the Lawton/Tribal hub. Diagnostic baseline data collection.
<b>Year 2</b>	<b>8% → 15%</b>	<b>Regional Scaling:</b> KSWO Media segments launch. First 2,000-student "STEM Showcase" events. Expansion to adjacent rural counties.
<b>Year 3</b>	<b>15% → 23%</b>	<b>Operational Maturity:</b> NVIDIA/Dell tech-stack fully integrated. For-profit kit sales on Amazon begin subsidizing rural scholarships.
<b>Year 4</b>	<b>23% → 31%</b>	<b>Legacy Infrastructure:</b> Scouting the first <b>STEM Campground</b> . Issuing 500+ industry-recognized certifications annually.
<b>Year 5</b>	<b>31% → 40%</b>	<b>Long-Term Trajectory:</b> Achieving a sustained 40% participation rate—setting the stage for the 90% "Mastery" goal in the following decade.

**Expected Outcomes: The Quantifiable Synopsis**

To provide the state with the most favorable results, our team will track the following **Key**



**Performance Indicators (KPIs)** to validate this 5-8% growth:

- **Academic Gains:** A projected **12% increase** in standard math/science scores for participants within the first 18 months.
- **The Literacy Delta:** 100% of students will engage in **Reading Wednesdays**, with a goal of a 1-grade-level increase in technical literacy per year.
- **Workforce Readiness:** Transitioning **5–8% of the student population** into the high-tech pipeline annually, supported by our \$15/hr intern program.
- **Fiscal Efficiency:** By utilizing the **March 31 vehicle rebates (\$108,000 savings)**, we ensure a lower cost-per-student ratio than traditional fixed-site STEM programs.

### **Why Luv 4 STEM is the Exception to the Rule**

"While standard educational models often struggle to achieve 3% annual growth, **STEM 4 All** is the exception. By utilizing a **Mobile Fleet Deployment** and a **Mass Media Partnership (KSWO) and Social Media**, we bypass the 'geographical barriers' that slow traditional growth. Our team is uniquely qualified to track and produce these outcomes because our **Proprietary LMS** allows for real-time remediation. We aren't just a school; we are a **Data-Driven Intervention** that moves the needle in Rural and Tribal Oklahoma where others remain at 0%."

### **The "Luv 4 STEM" Data-Driven Engine**

This initiative utilizes a **Multi-Layered Data Matrix** to ensure that our leap from **5% to 8%** in Year 1—and our ultimate titration to **90%**—is grounded in measurable student growth and fiscal efficiency. By deploying 12 STEM Mobiles equipped with proprietary POS and LMS tracking, we transform every student interaction into a data point for improvement.

### **The "Quantifiable" Difference**

We do not measure success by "attendance" alone. We measure it by **Growth Velocity**. Our data team tracks:

- **The Remediation Delta:** The specific point-gain in math and reading proficiency measured every Friday via our dual-layer LMS.



- **The Certification Yield:** The number of industry-recognized credentials (NVIDIA, Google, etc.) earned per 1,000 mobile lab contact hours.
- **The Economic Multiplier:** The ratio of state investment to private/for-profit reinvestment (targeting a 1:4 titration of funds).

## Data Collection & Tracking Matrix

Data Category	Tracking Frequency	Tool / Method	Why it Matters
<b>Academic Baseline</b>	Entry (0-Hour)	<b>LMS Diagnostic</b>	Establishes the "Starting Point" for each Rural/Tribal student.
<b>Engagement Rate</b>	Daily / Real-Time	<b>POS &amp; RFID Tags</b>	Measures the "Stickiness" of our Amazon-style delivery model.
<b>Remediation Progress</b>	Weekly (Fridays)	<b>LMS Sync</b>	Proves the 10-to-90 titration is moving in the right direction.
<b>Fiscal Sustainability</b>	Monthly	<b>CG Collective Ledger</b>	Tracks for-profit kit sales and collaborator fees to offset state costs.
<b>Community</b>	Quarterly	<b>KSWO Analytics and</b>	Quantifies the "Notoriety Effect"



<b>Impact</b>		<b>Social Media</b>	and public engagement levels.
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"Our team doesn't just collect data; we use it to engineer outcomes. By utilizing **NVIDIA-powered analytics** and a **proprietary LMS**, we provide the state with a transparent, real-time dashboard of Oklahoma's STEM growth. This level of accountability is why we are the exception to the industry standard—we don't hope for 90% engagement; we titrate it."

*-Crystallyn Guest-CEO and Founder*

**How will success be measured and reported?:**

**1. The Metric Hierarchy: Three Levels of Success**

<b>Level</b>	<b>Metric Category</b>	<b>What We Measure</b>	<b>Best Practice Goal</b>
<b>Summative</b>	<b>Academic Achievement</b>	Standardized test scores (State, ACT/SAT), AP/IB results, and Grade Point Average (GPA).	<b>15%+</b> increase in standardized math/science scores within 24 months.
<b>Formative</b>	<b>Knowledge Retention</b>	Weekly <b>"Bright Thinker/Google Classroom"</b> syncs, <b>Monday Mathematics</b> diagnostics, and unit assessments. During the Summer	Reducing the "Brain Dump" by using <b>Spaced Repetition</b> and interleaved



		Bi-weekly to Monthly syncs during the school year.	practice in the LMS.
<b>Longitudinal</b>	<b>Pipeline Persistence</b>	STEM major enrollment, 3 E's (Employment, Enlistment), and "A" grades in early math.	Tracking students for <b>2.5–5 years</b> post-program to ensure they stay in the STEM workforce.

## 2. Best Practices for "No Brain Dump" (Retention)

Top schools don't just teach for the test; they teach for **Retrieval**. Your team should track:

- **Retrieval Practice Data:** Our LMS should prompt students with "pop-back" questions from 3 weeks ago. Success is measured by the **Retention Rate** (how much they remember after the unit ends).
- **Self-Efficacy Surveys:** Research from the *National Math and Science Initiative (NMSI)* shows that a student's **belief** that they can do STEM is a better predictor of success than their initial test score. We measure this with "Pre" and "Post" surveys (1–5 scale) at the start and end of every semester.

## 3. The "State & Standardized" Win

To satisfy the state, we must align our **Fun Friday Remediation** with state standards (like the OAS - Oklahoma Academic Standards).

- **Predictive Analytics:** Use my **Proprietary LMS** to run "Mock Tests" every quarter. The data should "Predict" how the student will perform on the state test in April.
- **Targeted Intervention:** If the data shows a student is at 40% proficiency in "Algebraic Reasoning," the **STEM Mobile** focuses its next visit specifically on that gap.

## 4. Quantifiable Outcomes Synopsis (For the Grant)

"Success will be recorded via a **Triangulated Data Model**. We measure (1) **Academic Mastery** through 5-8% annual increases in standardized test scores, (2)



STEM HORIZONE ALLIANCE PROJECT *for the STEM Proposal*



**Engagement Fidelity** through the titration of participation from 0% to 10%, and (3) **Long-Term Retention** by tracking student persistence in STEM certifications. Our team utilizes **Real-Time Formative Data** to eliminate 'brain dump'—ensuring that knowledge transfer is permanent and leads directly to **Workforce Employment or Military Enlistment.**"



**SECTION 4: ATTACHMENTS (REQUIRED)**

- Project Budget (itemized)
- Timeline and Milestones
- IRS 501(c)(3) Determination Letter (if applicable) **N/A**
- Letters of Support (optional) **Available upon approval and request**
- Additional Supporting Materials (optional)

**SECTION 5: AUTHORIZATION**

I certify that the information provided is accurate and complete to the best of my knowledge. I understand that submission of this form does not guarantee funding.

Name: Crystallyn Guest

Title: CEO & Founder of CG Collective Group/Luv 4 STEM/STEM 4 All

Signature: *Crystallyn Guest* \_\_\_\_\_ Date:

3.31.26 \_\_\_\_\_

**SUBMISSION INSTRUCTIONS:**

Submit completed forms and attachments to: [CityClerkEmailList@lawtonok.gov](mailto:CityClerkEmailList@lawtonok.gov)

Questions may be directed to:  
City Clerk’s Office- City of Lawton  
Phone: 580-581-3305 EXT 1033  
212 SW 9<sup>th</sup> Street, Lawton, OK 73501



**STEM HORIZON ALLIANCE: STRATEGIC IMPLEMENTATION TIMELINE (2026-2027)**

Phase	Timeline	Key Milestones & Deliverables
<b>Phase 1: Mobilization</b>	<b>April – May 2026</b>	<b>Inventory &amp; Tech Setup: Finalize Sprinter van acquisitions; install XL Promethean boards, HVAC, and ramps. Launch the Virtual Software Dashboard for student registration.</b>
<b>Phase 2: Pilot Launch</b>	<b>June – Aug 2026</b>	<b>"Summer STEM Days": Deploy 12 STEM Mobiles across the 4 wards and regional rural/tribal zones. Goal: 2,500 students per month via week-long camps and half-day bootcamps.</b>
<b>Phase 3: Fall Integration</b>	<b>Sept – Nov 2026</b>	<b>"Fall in Luv with STEM": Launch after-school Vex/Lego Leagues. Execute the first STEM Gala &amp; Fundraiser. Begin the Apprenticeship Program via the HVAC Install projects.</b>
<b>Phase 4: Winter Expansion</b>	<b>Dec – Feb 2027</b>	<b>The Holiday STEM Shop: Launch pop-up retail in Lawton and OKC. Early tapings for the Twelve-Month Podcast. Finalize Missouri and Georgia pilot sites for the virtual platform.</b>
<b>Phase 5: The Grand Finale</b>	<b>March 2027</b>	<b>Annual STEM Fair &amp; Showcase: Host the 3,000-attendee major competition. Award the first \$1.5M in Scholarships &amp; Prizes. Re-submit for Year 2 State Line Item expansion.</b>

STEM HORIZON ALLIANCE PROJECT (STEM YEAR ROUND PROGRAM)			NOTES		
Budget Category	Description	Amount			
Mobile Learning Infrastructure	Acquisition of 12 multi-purpose mobile units (Types 1-4), HVAC/Ramp modifications, and specialized networking/Wi-Fi installation.	\$1,178,664.00			
Direct Instructional Delivery	Personnel (Coordinator, Facilitators, Liaison), Professional Development, and Apprenticeship oversight for 12+ sites.	\$370,000.00			
STEM Innovation & Competitions	Capital equipment for Lego/Vex Leagues, Electronics, 12 Workstations, 3D Printers, and Virtual Software Dashboard.	\$371,114.85			
Curriculum & Data Analytics	Proprietary digital dashboard licensing, STEMcation Bible School curriculum development, and 77-county reach analytics.	\$215,000.00			
Student Engagement & Incentives	Performance-based scholarships, academic prizes, high-notoriety showcases, and annual STEM Fair exhibitions.	\$6,500,000.00			
Logistics & Health Support	Student transportation (fuel), field trips, nutritional support (food), consumables, and T-shirts for 2,000+ monthly participants.	\$931,077.28			
Program Administration & Safety	Commercial fleet insurance, security for events, building use fees, advertising (KSWO/Social), and maintenance.	\$375,493.64			
TOTAL REQUEST	Full Year-Round Implementation & Start-Up Costs	\$9,941,349.77			



# 24-26 LUV 4 STEM's STEM Strategic Plan

BY FLATICON  
STEM ICON &  
LOGO



## COMMITTEE:

- LUV 4 STEM
- FISTA
- Local Business
- FT Sill
- Chamber of Commerce
- STEM Consortium Partners

**VISION:** To establish Lawton, Oklahoma as a vibrant hub for Science, Technology, Engineering, and Math (STEM) education, innovation, and economic growth, creating opportunities and enriching the lives of all of our youth.

**MISSION:** Our mission is to cultivate a collaborative and inclusive ecosystem that mobilizes the Lawton community, culturally-diverse, faith-based organizations, and nonprofits to advance STEM education. Through strategic partnerships and innovative initiatives, we aim to broaden access to STEM education, raise awareness, and provide enriching opportunities for underserved K-12 students, empowering them to thrive in an ever-evolving world.

### Goal 1: Establish STEM Programs

- Establish and host a STEM Enrichment Program in at least one community, faith-based, or nonprofit organization in EACH ZONE N, S, E, W by Friday, June 30, 2027.

#### Objectives:

- Strengthen collaborative partnerships with STEM professionals and organizations.
- Develop tailored partnership proposals for each identified organization.
- Increase community engagement and program visibility.
- Coordinate logistics and program implementation with partners.
- Establish metrics to measure program growth and impact.
- Ensure STEM Coordinator/team attends at least one STEM PD training or conference.

### Goal 2: Expand Program Opportunities

- Expand program opportunities to include after-school, summer, and weekend sessions. **STEM YEAR-Round**

#### Objectives:

- Create comprehensive programs with diverse STEM activities.
- Increase the frequency of STEM activities to weekly, monthly or bi-monthly.
- Ensure accessibility for participants from **all** backgrounds.
- Implement First Lego League for PreK-10th grade.
- Create Mobile MakerSpace Spaces. or one In N, S, E, W
- Develop STEM activities tied to real-world jobs and salaries.
- Assist programs in securing funding and resources.

### Goal 3: Improve Academic Performance

- By July 2027, identify and support the progression of D-grade students to C-grade proficiency in STEM subjects and increase reading proficiency.

#### Objectives:

- Achieve tangible progress in academic performance.
- Expand access to affordable and convenient Intervention and Tutoring programs.
- Foster partnerships to develop tailored academic improvement plans.

### Goal 4: Increase Qualified STEM Educators and Facilitators

- Increase the number of qualified STEM educators and facilitators involved in the program by 5%.

#### Objectives:

- Establish collaborative partnerships with STEM organizations.
- Become a key or Primary STEM Coordinator/Consultant for the Lawton STEM Consortium
- Develop joint initiatives and projects promoting STEM education.
- Expand outreach efforts to community leaders, schools, and youth organizations.
- Meet regularly to plan and implement STEM activities with the partners and community.



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**Goal 1: Establish STEM Programs**

**Outcomes:**

- Increased interest in STEM education and careers among participants.
- Fostering of a diverse and inclusive STEM community.
- Smooth and successful execution of STEM-based programs.
- Effective use of Promethean Boards for enhanced program delivery.

**Goal 2: Expand Program Opportunities**

**Outcomes:**

- Continuous learning and exploration through summer programs.
- Inclusive and accessible programs for **all** participants.
- Increased program sustainability through secured funding and resources.

**Goal 3: Improve Academic Performance**

**Outcomes:**

- Significant improvement in academic performance for D-grade students.
- Equitable access to academic support services for all students.
- Collaborative development of personalized academic improvement plans.

**Goal 4: Increase Qualified STEM Educators and Facilitators**

**Outcomes:**

- Enhanced collaboration and development of innovative STEM programs.
- Improved access to STEM education opportunities, for **all youth** especially for underserved communities.
- Increased engagement and participation in STEM activities.
- Hosting of annual STEM events to showcase student achievements and spark interest in STEM fields.

**EVENTS AND ACTIVITIES:**

- Lawton STEM Consortium Logo Competition Kick-off Event/Citywide STEM Logo Competition Judging
- KSWO and Social Media STEM/STEAM/STREAM Spot Lights with Awards
- STEM Competitions and Year-Long Challenges throughout the year
- Participate Local/State Events
- STEM Fair STEM SUMMER BOOTCAMPS (STEM/STEAM/STREAM)

**BUDGETS:** Detailed budgets are provided for each event and activity, outlining estimated costs for supplies, materials, and other resources.

**Overall, this strategic plan provides a comprehensive roadmap for advancing STEM education in Lawton, Oklahoma, through collaborative partnerships, innovative programs, and targeted interventions, with a focus on empowering all student K-12 students and college, and fostering a vibrant STEM NEXUS.**