

UNIT REPORT

**Millard Oakley STEM Center -
Institutional Effectiveness Final
Annual Report 2019**

Generated: 9/10/19, 9:05 AM

Definition of Unit

Definition of Millard Oakley STEM Center

Reporting Year: 2018-2019

Providing Department: Millard Oakley STEM Center

Department/Unit Contact: Darek Potter

Mission/Vision/Goal Statement:

Vision

The Oakley STEM Center is a national leader in rural STEM Education.

Mission

The Oakley STEM Center enriches pre-kindergarten through college (P-16) student STEM learning with hands-on inquiry, enhances the STEM preparation of new and practicing prekindergarten through high school (P-12) teachers, models innovative instructional design and learning environments, conducts rigorous STEM education research, and collaborates with industry and organizations to strengthen STEM education initiatives across the region, state, and nation.

Goal/Objective/Outcome

Oakley STEM Center Goal 1: Administration

Define Goal:

Oakley STEM Center Goal 1:

Center Administration: Establish, maintain, and improve STEM Center operational procedures, processes, and facility management.

Intended Outcomes / Objectives:

Goal 1 Objectives:

1.1 Lending Library

1.1.a Conduct an inventory of all Lending Library items.

Strategic Alignment: Strategic Goal 3: Tennessee Tech is committed to optimizing resources and continuously improving effectiveness, efficiency, and return on investment for students.

Assessment Tool: No specific assessment tool required. Objective met upon completion of Lending Library inventory.

Status: A full inventory of the Lending Library has been completed and will be maintained from this point forward. The library inventory will be continuously updated as items are added/removed. Moving forward, a full Lending Library inventory will be conducted in December of every even numbered calendar year.

1.1.b Identify Lending Library items that are never or rarely requested (< one time per every three years) and create a written document outlining options for donating those items to P–16 educators.

Strategic Alignment: Strategic Goal 3: Tennessee Tech is committed to optimizing resources and continuously improving effectiveness, efficiency, and return on investment for students.

Assessment Tool: No specific assessment tool required to identify minimal use items. Objective met upon 1) identifying Lending Library items that have been leased less than one time over the prior three fiscal years, and 2) completing a document that lists options for donating those items to P–16 educators.

Status: All items in the Lending Library inventory are associated with a “hit” counter to show how often an item is viewed. During future Lending Library trainings, we plan to highlight one or two popular items as well as a few low traffic items to encourage usage. A draft document has been created that outlines a proposed process to donate non-used items to P–12 classrooms. During the upcoming 2019–2020 fiscal year, we will obtain feedback on the draft document and finalize it for implementation.

1.1.c Improve the quality of the Lending Library interface to make it more user friendly.

Strategic Alignment: Strategic Goal 3: Tennessee Tech is committed to optimizing resources and continuously improving effectiveness, efficiency, and return on investment for students. Strategic Goal 2, Priority Action C: Implement specific strategies, structures, and resources to serve adult learners and offer online/hybrid delivery systems to increase accessibility, expand our reach, and enhance our impact and reputation.

Assessment Tool: This objective will be measured through the implementation of a retrospective pre-post survey that will be emailed to site users after completing a request. The survey will ask participants to compare their current experience with their prior experience using the old platform. Should a participant not have any prior experiences with the old platform, there will also be general satisfaction questions.

Status: During the 2018–2019 fiscal year, the Oakley STEM Center entered a 3-year contract with *MyTurn*, a recommended lending library hosting platform. All items have been uploaded onto the MyTurn site and the site was made public at the end of the 2018–2019 fiscal year. A retrospective pre-post survey has been developed and will be administered for site users during the upcoming 2019–2020 fiscal year.

1.2 Virtual Theater & Mixed Reality Tent

1.2.a Finalize renovations of the Virtual Theater.

Strategic Alignment: Strategic Goal 2, Priority Action A: Every college will develop and implement technologically infused programs; Strategic Goal 2, Priority Action C: Implement specific strategies, structures, and resources to serve adult learners and offer online/hybrid delivery systems to increase accessibility, expand our reach, and enhance our impact and reputation.

Assessment Tool: No specific assessment tool required. Objective met upon completion of Virtual Theater renovations.

Status: Successfully completed. Renovations of the Virtual Theater were completed during the 2018–2019 fiscal year.

1.2.b Acquire affordable videos for Virtual Theater.

Strategic Alignment: Strategic Goal 3, Priority Action A: Improve efficiency and effectiveness of operational/administrative processes and procedures.

Assessment Tool: No specific assessment tool required. Objective met upon execution of contract for at least three videos that do not exceed a cost of \$1.00 per head per viewing.

Status: Successfully completed. During the 2018–2019 fiscal year, the Oakley STEM Center entered into a contract with *Big & Digital* to provide a selection of videos to accommodate a range of ages. The negotiated contract price was \$1.00 per person per viewing.

1.2.c Create a working interactive 3D platform that can be used by TTU Faculty.

Strategic Alignment: Strategic Goal 2, Priority Action B: Increase research, scholarly activities, and intellectual and creative contributions aligned with university, college, and departmental strategic priorities. Strategic Goal 2, Priority Action C: Implement specific strategies, structures, and resources to serve adult learners and offer online/hybrid delivery systems to increase accessibility, expand our reach, and enhance our impact and reputation. Strategic Goal 4, Priority Action B: Modernize, adapt, and create academic programs, continuing education certificates, and training activities responsive to impactful engagement.

Assessment Tool: No specific assessment tool required. Objective met upon installation of hardware and an exhibited application of the platform where a teacher can manipulate the software from the front of the class and the image is projected with the Virtual Theater.

Status: Ongoing. The interactive 3D platform has been constructed; however, we are currently working through issues related to both the teacher and student simultaneously seeing objects in 3D. We have also identified a lack of available software to support teacher lessons.

1.2.d Finalize construction and programming of Mixed Reality Tent.

Strategic Alignment: Strategic Goal 2, Priority Action B: Increase research, scholarly activities, and intellectual and creative contributions aligned with university, college, and departmental strategic priorities. Strategic Goal 2, Priority Action C: Implement specific strategies, structures, and resources to serve adult learners and offer online/hybrid delivery systems to increase accessibility, expand our reach, and enhance our impact and reputation. Strategic Goal 4, Priority Action B: Modernize, adapt, and create academic programs, continuing education certificates, and training activities responsive to impactful engagement.

Assessment Tool: No specific assessment tool required. Objective met upon installation/construction of the Mixed Reality Tent and an exhibited application of the mixed reality platform in which a participant can interact with the VR system and surrounding students can view the VR student in the actual world environment of the VR program.

Status: Successfully completed. The construction and programming of the Mixed Reality Tent was completed and was a great success. We are currently working on a permanent version of the Mixed Reality Tent in the STEM Center that will also serve as a production studio.

1.2.e Increase Virtual Theater above its utilization during the 2017–2018 fiscal year. (< 500 visitors during 2017–2018 fiscal year).

Strategic Alignment: Strategic Goal 2, Priority Action A: Every college will develop and implement technologically infused programs. Strategic Goal 4, Priority Action B: Modernize, adapt, and create academic programs, continuing education certificates, and training activities responsive to impactful engagement.

Assessment Tool: The assessment tool will consist of counting heads for every showing within the Virtual Theater. The head count will be recorded on a document that also includes the data and time of the showing, as well as the movie title shown. Objective met after counting a total of 500 viewers during the 2018–2019 fiscal year, which exceeds the total viewers during the 2017–2018 fiscal year of approximately 400 as estimated by Gary Bradford (IT9).

Status: Successfully completed. During the 2018–2019 fiscal year, approximately 3,380 people attended viewings within the Virtual Theater.

1.3 Expeditions

- 1.3.a Establish a process for communicating with P-12 teachers who have requested expeditions for their P-12 students. The established process must project both excitement and customer service, be transparent and understandable to STEM Center outreach staff, and include some form of a digital survey to make scheduling efficient for both the P-12 teacher(s) and STEM Center staff.

Strategic Alignment: Strategic Goal 3, Priority Action A: Improve efficiency and effectiveness of operational/administrative processes and procedures.

Assessment Tool: No specific assessment tool required. Objective met upon the completion of canned documents that can be used to:
1) respond to initial inquiries about an expedition trip, which would include a digital application that includes questions such as number of students, special needs requirements, preferred dates/time, etc., 2) offer a recommended date as well as rules/requirements for the expedition, 3) remind P-12 of the expedition one week before the expedition, and 4) follow up email about the expedition experience that includes a survey (see 1.3.b below) to evaluate their experience.

Status: Successfully completed. A process was established for communicating with P-12 teachers who request expeditions for their P-12 students. The established process projects both excitement and customer service, is transparent and understandable to STEM Center outreach staff, and includes a digital survey that makes scheduling efficient for both the P-12 teacher(s) and STEM Center staff. This process was implemented in January of the Spring 2019 semester.

- 1.3.b Create a post-expedition survey to gauge satisfaction with the expedition experience.

Strategic Alignment: Strategic Goal 3, Priority Action A: Improve efficiency and effectiveness of operational/administrative processes and procedures.

Assessment Tool: No specific assessment tool required. Objective met upon the completion of an evaluation survey that gauges the satisfaction of the teacher with the provided expedition experience.

Status: Successfully completed. A post-expedition survey was created to gauge satisfaction with the expedition experience. **This survey began being administered in February of the Spring 2019 semester.**

1.4 Facility Scheduling

- 1.4.a Review the existing protocol for scheduling Ray Morris Hall rooms. Provide clear guidance for room preferences.

Strategic Alignment: Strategic Goal 3, Priority Action A: Improve efficiency and effectiveness of operational/administrative processes and procedures.

Assessment Tool: No specific assessment tool required. Objective met upon updating the existing room scheduling protocol and reviewing the updated protocol with the Dean and Associated Dean of the College of Education.

Status: The procedure for scheduling Ray Morris Hall rooms was reviewed and updated to provide clear guidance for room preferences.

- 1.4.b Develop typical email wording for every aspect of the room scheduling process.

Strategic Alignment: Strategic Goal 3, Priority Action A: Improve efficiency and effectiveness of operational/administrative processes and procedures.

Assessment Tool: No specific assessment tool required. Objective met upon the completion of canned documents that can be used to:
1) respond and/or confirm room requests, 2) inform users of successful room scheduling, and 3) inform users of room rules/processes.

Status: Successfully completed. **Typical email wording for every aspect of the room scheduling process has been developed.**

1.5 Grants

- 1.5.a Develop a written procedure to be followed for grant support. The written procedure should include an information sheet that delineates the responsibilities of the STEM Center and the PIs.

Strategic Alignment: Strategic Goal 3, Priority Action A: Improve efficiency and effectiveness of operational/administrative processes and procedures.

Assessment Tool: No specific assessment tool required. Objective met upon creation of the document.

Status: Successfully completed. This objective was completed based upon institutional knowledge of the life cycle of a grant, from pre-award to close-out. Responsibilities include:

Task	Bookkeeper	PI	Student Worker/Direct report to PI	Facilitator	Departmental Secretary
Prepare Grant Activation form	X				
Signature Routing for GAF		X			
Set up Excel Budget Sheet	X				
Enter expenditures in budget sheet, per agency line item and TTU account codes	X				
Reconcile account to monthly expenditure reports	X				
Selecting materials/supplies for project		X			
Order materials/supplies for project		X		X	
Check in orders and labeling boxes per project/PI		X		X	
Eagle Buy transactions	X				
Prepare Personnel Action Forms	X				
Report line item balances to PI	X				
Prepare extra pay/summer pay time sheets	X				
Prepare summary sheet to attach to ep/sp time sheets					X
Prepare agency budget revision requests via OR's budget revision form	X				
Prepare travel claims/requisitions	X				
Prepare TTU budget revisions	X				
Book space for workshops in EMS		X			
Prepare Participation Workshop forms	X				
Man registration table during workshops		X	X	X	
Order food	X	X		X	
Prepare Food Approval form (now required for Chartwells)	X	X		X	
Contact Chartwells regarding food issues	X	X		X	
Room setup		X	X		
Contact agency for project/budget revisions		X			
Contact TTU auxiliary offices for financial issues	X				
Student Payroll	X				
Prepare TTU Close Out Form	X				
PD Letters		X		X	
Sign In Sheets		X		X	

1.5.b Return the short-term grant storage room to it originally intended purpose. At a minimum, the back wall and one side should be available for short-term storage.

Strategic Alignment: Strategic Goal 3, Priority Action A: Improve efficiency and effectiveness of operational/administrative processes and procedures.

Assessment Tool: No specific assessment tool required. Objective met upon the back wall and one side storage room being cleared of stored materials.

Status: Successfully completed. The short-term grant storage room was successfully returned to its originally intended purpose. The back wall and one side of the storage room is available for short-term storage and the remaining wall is being utilized for STEM Center outreach events.

Oakley STEM Center Goal 2: P-12 Support

Define Goal:

Oakley STEM Center Goal 2:

P-12 Support: Increase STEM Center support for P-12 teachers and students.

Intended Outcomes / Objectives:

Goal 2 Objectives:

2.1 Provide at least eight professional developments (PDs) for P–12 STEM teachers that are based on local needs, aligned with state and national standards, and that model best practice in research-based STEM education.

Strategic Alignment: Strategic Goal 1, Priority Action E: Develop innovative, stackable credentials, and associated pathways responsive to stakeholder needs and entrepreneurial opportunities. Strategic Goal 4, Priority Action B: Modernize, adapt, and create academic programs, continuing education certificates, and training activities responsive to impactful engagement.

Assessment Tool: No specific assessment tool required. Objective met upon completion of eight professional developments (PDs) for P–12 STEM teachers that are based on local needs, aligned with state and national standards, and that model best practice in research-based STEM education.

Status: Successfully completed. During the 2018-2019 fiscal year, the STEM Center provided 19 PDs that were attended by 209 P-12 teachers (see below).

Professional Development Event Name	Date	Total attendance
Ready for TN Science PLC Teacher Workshop	8/21/2018	13
Ready for TN Science PLC Teacher Workshop	9/18/2018	7
Math PLC Teacher Workshop	9/20/2018	5
Ready for TN Science PLC Teacher Workshop	10/23/2018	3
Math PLC Teacher Workshop	10/25/2018	5
Math PLC Teacher Workshop	11/15/2018	5
Math PLC Teacher Workshop	2/18/2019	3
Ready for TN Science PLC Teacher Workshop	2/26/2019	19
Math PLC Teacher Workshop	3/19/2019	6
Ready for TN Science PLC Teacher Workshop	3/26/2019	15
Math PLC Teacher Workshop	4/16/2019	3
Ready for TN Science PLC Teacher Workshop	4/23/2019	11
Math PLC Teacher Workshop	5/7/2019	6
TSIN Progression Of Flight Innovative Educator Workshop	5/28/2019	21
TSIN Progression Of Flight Innovative Educator Workshop	5/29/2019	15
TSIN Progression Of Flight Innovative Educator Workshop	5/30/2019	20
TSIN Progression Of Flight Innovative Educator Workshop	5/31/2019	20
STEM in Motion Workshop	6/25/2019	16
STEM in Motion Workshop	6/25/2019	16
	Total	209

2.2 Provide a minimum of 15 STEM enrichment events per year for P–12 students in collaboration with P–12 teachers. The enrichment events could take the form of expeditions, school-site programs, or student camps.

Strategic Alignment: Strategic Goal 2, Priority Action A: Every college will develop and implement technologically infused programs. Strategic Goal 4, Priority Action B: Modernize, adapt, and create academic programs, continuing education certificates, and training activities responsive to impactful engagement.

Assessment Tool: No specific assessment tool required. Objective met upon completion of 15 STEM enrichment event during the 2018–2019 fiscal year for P–12 students in collaboration with P–12 teachers.

Status: Successfully completed. During the 2018-2019 fiscal year, the STEM Center collaborated with P-12 teachers on 56 events that served 3382 P-12 students (see below).

Outreach Event Name	School Name	County	Date	Total attendance (Students)
Expedition	Prescott South Middle School	Putnam County	8/14/2018	90
Expedition	Prescott South Middle School	Putnam County	8/15/2018	90
Expedition	Jere Whitson Elementary	Putnam County	8/16/2018	60
Expedition	Burks Elementary	Putnam County	8/17/2018	80
Expedition	Rickman Elementary School	Overton County	9/5/2018	90
Expedition	Allons Elementary	Overton County	9/21/2018	34
Expedition	Overton County	Overton County	10/4/2018	50
Expedition	Overton County	Overton County	10/5/2018	82
Expedition	Hillham	Overton County	10/25/2018	45
Expedition	Gordonsville Elementary	Smith County	10/26/2018	80
Expedition	Jackson County High School	Jackson County	10/30/2018	100
Expedition	Livingston Academy	Overton County	11/2/2018	17
Expedition	Rickman Elementary School	Overton County	11/8/2018	69
Expedition	Livingston Academy	Overton County	11/16/2018	78
Expedition	Algood Elementary	Putnam County	11/20/2018	97
Expedition	Allons Elementary	Overton County	11/29/2018	37
Expedition	Wilson Elementary	Overton County	11/30/2018	73
Expedition	Northeast Elementary	Putnam County	12/7/2018	75
Expedition	Centertown Elementary	Warren County	12/14/2018	55
Expedition	Centertown Elementary	Warren County	12/17/2018	87

Expedition	UMS	Putnam County	12/18/2018	95
Expedition	UMS	Putnam County	12/19/2018	90
Expedition	Home school group	Putnam County	12/20/2018	34
Expedition	TNTech Trep Academy (homeschool)	Putnam County	1/18/2019	67
Expedition	Parkview Elementary School	Putnam County	1/25/2019	50
Expedition	Northeast Elementary	Putnam County	2/1/2019	55
Expedition	Heavenly Host Lutheran School	Putnam County	2/7/2019	62
Expedition	White Plains Academy	Putnam County	2/15/2019	50
Expedition	Jackson County High School	Jackson County	2/27/2019	40
Expedition	Parkview Elementary School	Putnam County	3/1/2019	60
Expedition	NES Cookeville	Putnam County	3/7/2019	65
Expedition	White County Middle School	White County	3/22/2019	95
Expedition	Jackson County High School	Jackson County	3/28/2019	20
Expedition	Jackson County Middle	Jackson County	3/29/2019	16
Expedition	BonDeCroft Elementary	White County	4/4/2019	50
Expedition	Northfield Elementary	Putnam County	5/1/2019	70
Expedition	Northfield Elementary	Putnam County	5/2/2019	70
Expedition	Prescott South Elementary School	Putnam County	5/6/2019	108
Expedition	Northeast Elementary	Putnam County	5/8/2019	80
Expedition	Cassville Elementary	White County	5/9/2019	70
Expedition	Metro Nashville Public Schools	Davidson County	5/9/2019	50
Expedition	Castle Heights Elementary	Wilson County	5/13/2019	55
Expedition	Castle Heights Elementary	Wilson County	5/14/2019	55
Expedition	Cane Creek Elementary	Putnam County	5/15/2019	76

Expedition	Pickett County Elementary	Pickett County	5/16/2019	52
Expedition	Cane Creek Elementary	Putnam County	5/21/2019	66
Expedition	Pleasant Hill Elementary	Cumberland County	5/23/2019	55
Expedition	Jackson County Middle School	Jackson County	5/28/2019	20
Expedition	Smith County School	Smith County	6/7/2019	12
Expedition	Smith County School	Smith County	6/10/2019	15
Expedition	Jere Whitson Freedom School	Putnam County	6/14/2019	30
Expedition	Bridge Program	Several Counties	6/20/2019	20
Expedition	Leadership Summit	Several Counties	6/27/2019	95
Expedition	Putnam County Library	Putnam County	6/26/2019	25
Expedition	R2BR Program	Several Counties	6/28/2019	60
Expedition	YMCA Camp	Putnam County	7/10/2019	60
			TOTAL	3382

2.3 Increase Regional Science and Engineering Fair student participation above the prior year student participation.

Strategic Alignment: Strategic Goal 1, Priority Action C: Increase student diversity. Strategic Goal 2, Priority Action A: Every college will develop and implement technologically infused programs. Strategic Goal 2, Priority Action B: Increase research, scholarly activities, and intellectual and creative contributions aligned with university, college, and departmental strategic priorities. Strategic Goal 4, Priority Action D: Increase alumni and friend engagement and impact.

Assessment Tool: No specific assessment tool required. Objective met after counting at least six Regional Science and Engineering Fair student participants at the 2019 Regional Science and Engineering Fair, which exceeds the five students who participated during the prior year's event.

Status: Successfully completed. Student participation in the Regional Science and Engineering Fair increased from 5 students participating in the 2018 Fair to 109 students participating in the 2019 Fair.

Oakley STEM Center Goal 3: Tennessee Tech Support

Define Goal:

Oakley STEM Center Goal 3

Tennessee Tech Support: Increase STEM Center support for Tennessee Tech faculty, staff, and students.

Intended Outcomes / Objectives:

Goal 3 Objectives:

3.1 Increase Lending Library usage by Tennessee Tech faculty, staff, and students above usage in the 2017–2018 fiscal year.

Strategic Alignment: Strategic Goal 3: Tennessee Tech is committed to optimizing resources and continuously improving effectiveness, efficiency, and return on investment for students.

Assessment Tool: No specific assessment tool required. Objective met after lending more items to Tennessee Tech faculty, staff, and students above usage in the 2017–2018 fiscal year. 258 items were lent to Tennessee Tech faculty, staff, and students during the 2017–2018 fiscal year.

Status: The Lending Library website crashed during the Fall 2018 semester. At that time, a decision was made to acquire an improved hosting platform due to complaints received regarding the original hosting platform. The updated hosting platform was not approved until the Spring 2019 semester and it took until the end of the 2018-2019 fiscal year to populate it with the Lending Library items and bring it online. While the Lending Library hosting platform was offline, stakeholders were still able to check out items by calling the STEM Center, but the loss of the hosting platform for the majority of the year resulted in decreased lending numbers when compared to the prior year. This objective will be carried over to the 2019-2020 fiscal year.

3.2 Encourage STEM education research collaboration across Tennessee Tech colleges and assist in developing at least two grant proposals for research-based, knowledge-generating activities.

Strategic Alignment: Strategic Goal 2, Priority Action B: Increase research, scholarly activities, and intellectual and creative contributions aligned with university, college, and departmental strategic priorities.

Assessment Tool: No specific assessment tool required. Objective met after submitting at least two STEM education grant proposals for research-based, knowledge-generating activities.

Status: Successfully completed. STEM Center staff collaborated with Tennessee Tech faculty to develop five grant proposals for research-based, knowledge-generating activities during the 2018-2019 fiscal year. Four of the five proposals were successful in acquiring funding.

STEM in Motion: Integrating Transportation Engineering into the Classroom. Southeastern Transportation, Research, Innovation, Development, and Education Center (STRIDE). STRIDE Partner K–12 Grant. PI: Vahid Motevalli; Co-PI: Darek Potter. (FUNDED; \$12,000)

HIPSTERS: High Impact Practices in STEM Targeting Engagement, Retention, & Success. TBR: Student Engagement, Retention and Success Grant. PI: Julie Baker; Co-PIs: Darek Potter, Lisa Zagumny, Carlos Galindo, Harry Ingle, Robert Owens, Charria Campbell. (FUNDED; \$24,092)

The STEM Foundry Heritage Fellows Program. TBR: Student Engagement, Retention and Success Grant. PI: Andrea Arce-Trigatti; Co-PIs: Pedro Arce, Carlos Galindo, Stephanie Jorgensen, Robby Sanders, Darek Potter. (FUNDED; \$25,000)

Girls Rule, Lead, and Succeed: Creative Opportunities to Develop and Empower (GRLS CODE). American Honda Foundation Grant. PI: Darek Potter; Co-PIs: Carlos Galindo, Lisa Zagumny. (submitted for review; \$42,667)

Progression of Flight. TSIN Hub Operations and Innovative Educator Workshops Grant. PI: Darek Potter (FUNDED; \$32,166)

Oakley STEM Center Goal 4: Community Support

Define Goal:

Oakley STEM Center Goal 4:

Community Support: Build sustainable partnerships with community stakeholders.

Intended Outcomes / Objectives:

Goal 4 Objectives:

4.1 Coordinate at least four STEM education events (>75 participants per event) that are advertised directly to the community.

Strategic Alignment: Strategic Goal 1, Priority Action C: Increase student diversity; Strategic Goal 2, Priority Action A: Every college will develop and implement technologically infused programs; Strategic Goal 4, Priority Action B: Modernize, adapt, and create academic programs, continuing education certificates, and training activities responsive to impactful engagement.

Assessment Tool: No specific assessment tool required. Objective met after coordinating at four STEM education events of more than 100 participants per event that were advertised directly to the community.

Status: Successfully completed. During the 2018-2019 fiscal year, the STEM Center coordinated and hosted 10 STEM education events that served 2007 community members (see below).

Outreach Event Name	Date	Total Kids	Total attendance
Calling All STEM Heroes	9/14/2018	55	106
Bodacious Bones Safari Saturday	10/20/2018	81	150
Fantastic Fab Friday	11/9/2018	100	195
Soaptastic Safari Saturday	12/1/2018	93	163
Shortest Day of The Year Celebration	12/20/2018	118	215
STEM at the Movies Fab Friday	2/1/2019	96	170
Frozen STEM Safari Saturday	2/16/2019	220	401
H2Go Fab Friday	3/29/2019	135	211
Rockin Robots Safari Saturday	4/13/2019	170	242
Longest Day of the Year	6/21/2019	80	154
	Totals	1148	2007