Sample Informal STEM Pathway: Action Plan: Implementation Plan

School/District/Organization: School of Rock - DEMO   **Current Date:** 8/31/21

Priority Area #1: STEM Programming			
SMART Goal: We will increase the reach of STEM programming during summer STEM learning experiences by 25%.			
Action Steps	**Responsible Team/Members**	**Target Completion Dates**	**Progress Notes**
1. Expand offerings in engineering and computer programming to increase interest in STEM offerings.	Content Development Team	November 19, 2021	The team researched current offerings at near by STEM organizations to create a list of possible STEM offerings.
2. Include advanced experiences in the STEM fields.	Content Development Team	November 19, 2021	The team researched current offerings at nearby STEM organizations to create a list of possible STEM offerings.
3. Target under-served audiences for the advanced experiences.	STEM Team	March 18, 2022	We assessed the current STEM learning experiences for teenaged learners and determined it was lacking. We worked with business partners to expand STEM content in a couple of offerings.

Priority Area #2: STEM Training			
SMART Goal: We will train our staff in STEM best practices to support the development of STEM identity in learners prior to the beginning of summer.			
Action Steps	**Responsible Team/Members**	**Target Completion Dates**	**Progress Notes**

Action Steps	Responsible Team/Members	Target Completion Dates	Progress Notes
1. Research STEM best practices.	STEM team	October 22, 2021	The team located several articles and divided the reading load among the members.
2. Determine foundational STEM skills that support the formation of STEM identity.	STEM team	December 15, 2021	The team watched videos on STEM identity and then chose the skills from the research completed in step one.
3. Align STEM skills to summer STEM learning experiences.	STEM Planning team	March 31, 2022	After much debate, the planning team determined which skills aligned with our summer STEM camp experiences and how to integrate them into the offerings.

Priority Area #3: Public Outreach
SMART Goal: We will develop a plan that focuses on community improvement that involves STEM learning.

Action Steps	Responsible Team/Members	Target Completion Dates	Progress Notes
1. Investigate community groups to identify potential projects.	Outreach team	November 8, 2021	The team identified five community groups that are open to working together. STEM learning can occur in all the groups.
2. Generate equitable opportunities for all learners to participate.	Outreach team	February 22, 2022	The team narrowed down the options based on scheduling and target audience. Also, materials for the STEM learning was considered.
3. Involve marketing to promote awareness.	Marketing Team	July 13, 2022	The Marketing team collected photos and interviews at the event to share over social media. Possibly we will use these materials to apply for future grants.