

FY2022 Buncombe County Strategic Partnership Grant Report

Organization Name:	University of North Carolina at Asheville Foundation, Inc.	
Project Name:	Marvelous Math Club (MMC)	
Reporting Quarter: (Check one)	<input type="checkbox"/>	Quarter 1 (July 1, 2021 - September 30, 2021)
	<input type="checkbox"/>	Quarter 2 (October 1, 2021 - December 31, 2021)
	<input type="checkbox"/>	Quarter 3 (January 1, 2022 - March 31, 2022)
	<input checked="" type="checkbox"/>	Quarter 4 (April 1, 2022 - June 30, 2022)

Narrative summary of grant related activities

Please provide brief responses that fit within the box provided

Overall project updates:	Working with John Dougherty, the Assistant General Counsel at UNC Asheville, Tami Gross, the Community Life Assistant at the Jewish Community Center (JCC), and Mark Dickerson, Assistant Superintendent at Asheville City Schools (ACS), we generated a Memorandum of Understanding that allowed MMC to use a large meeting space at the JCC as well as store food and materials. In addition ACS extended existing bus routes so that students (whom we call Math Leaders) had free transportation to the JCC from any of five elementary schools in the system. MMC met from 3:00 until 5:30, Monday through Friday, starting April 19 and lasting until June 3, 2022. We had fifteen Leaders from four ACS elementary schools and one from Preschool, ranging from pre-K to 4th grade. These students worked with a core of five Math Champions, including two residents of Asheville Housing Authority and one former resident, the MMC Coordinator from UNCA's pre-College office, and her Assistant Coordinator. In addition to homework completion and math games, MMC also hosted seven outings during the fourth quarter. We held a dinner meeting with parents on June 3 to review MMC from the prior two months; at that meeting parents affirmed an interest in a summer day camp which we are following up on through separate grant funding.
Activities related to increasing equity, diversity and inclusion:	One of the core team of Math Champions attended the sixteen-hour Racial Equity Institute workshop on May 5 and 6. Another member of the core team of Math Champions participated in LatinX Challenges, a special 16 hour virtual workshop on May 18 and 19 put on by the Racial Equity Institute. A field trip to the Dr. George Washington Carver Edible Park in Asheville was preceded by reading books on Black scientists and leaders. The trip to the Park included a guided history of Dr. Carver.
Activities related to increasing operational excellence:	Two UNCA undergraduates supported data collection in addition to spending time with Math Leaders on field trips. Data included interviews with the teachers of Math Leaders.

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Progress toward annual goals

Measure	Annual Goal	Actual Results (Enter Data)				Progress
		Quarter 1	Quarter 2	Quarter 3	Quarter 4	
Number of temporary undergraduate students hired for the 2021-2022 academic year	1	0	0	0	3	3
Number of special events hosted	3	0	0	5	7	12
Number of individuals working with MMC that complete REI training during the 2021-2022 academic year	10	0	0	2	2	4

Comments:

The fourth quarter was focused on delivery and partnership. Because the Jewish Community Center was willing to partner with our work, we were able to host Marvelous Math Club for 15 Math Leaders during the last seven weeks of school, five days a week. In recognition of the importance of MMC, Asheville City Schools made sure each leader had bus transportation to the JCC. Through our partnership with UNC Asheville, we had a shuttle every day to bring Math Leaders to Pisgah View at the end of the Math Club. Club activities started with homework completion then snack. After snack we held activities in small groups or with individuals. These activities included math games, science exploration with kits and a microscope, reading books about science and/or Black scientists, outside play infused with math review, and on Fridays an outing. Some outings included family members and supported community-building. While these families live in Asheville Housing Authority properties, many of the Math Leaders and their families did not know each other prior to participating in MMC. In the first five year of Marvelous Math Club, we met once a week with a total of twenty-five meetings each academic year and one field trip. Because we had a coordinator and additional support provided by this grant, we were able to have thirty-four meetings and a dozen field trips this year.

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Use of funds to date and any budget considerations

Spending Category	Starting	Total Spending (Enter Data)				Amount Remaining
		Quarter 1	Quarter 2	Quarter 3	Quarter 4	
Personnel	\$ 4,452	\$ -	\$ -	\$ 5,054	\$ 694	\$ (1,296)
Training	\$ 1,200	\$ -	\$ -	\$ 600		\$ 600
Supplies/Materials					\$ 1,622	\$ (1,622)
Meetings						\$ -
Equipment/Furniture						\$ -
Printing/Marketing						\$ -
Licensing/Memberships/Dues/Subs						\$ -
Client Support						\$ -
Contracts						\$ -
Professional Services						\$ -
Insurance and Bonds						\$ -
Building Maintenance						\$ -
Special Events	\$ 3,924	\$ -	\$ -	\$ 549	\$ 2,679	\$ 696
Indirect Costs	\$ 2,461	\$ -	\$ -	\$ 530	\$ 599	\$ 1,332
Other: Meeting space rental	\$ 2,320				\$ 2,030	\$ 290
Total	\$ 14,357	\$ -	\$ -	\$ 6,733	\$ 7,625	\$ -

Comments:

Although there were two additional race-related trainings (REI and LatinX Challenges) provided in Q4, neither had an expense. The core team Math Champion who attended REI in March was given a free seat by REI. The core team Math Champion who attended the LatinX Challenge in May was paid for from UNCA professional development funds. Materials purchased were hands-on math manipulatives (such as a bucket scale) and children's books about math and science for use at the Jewish Community Center in April, May and June. Special events included seven field trips. These included community-building trips as well as educational field trips. Three field trips included family members. There was also a meeting with parents on June 3 to review MMC from the prior two months; at that meeting parents affirmed an interest in a summer day camp which we are following up on through separate grant funding.