

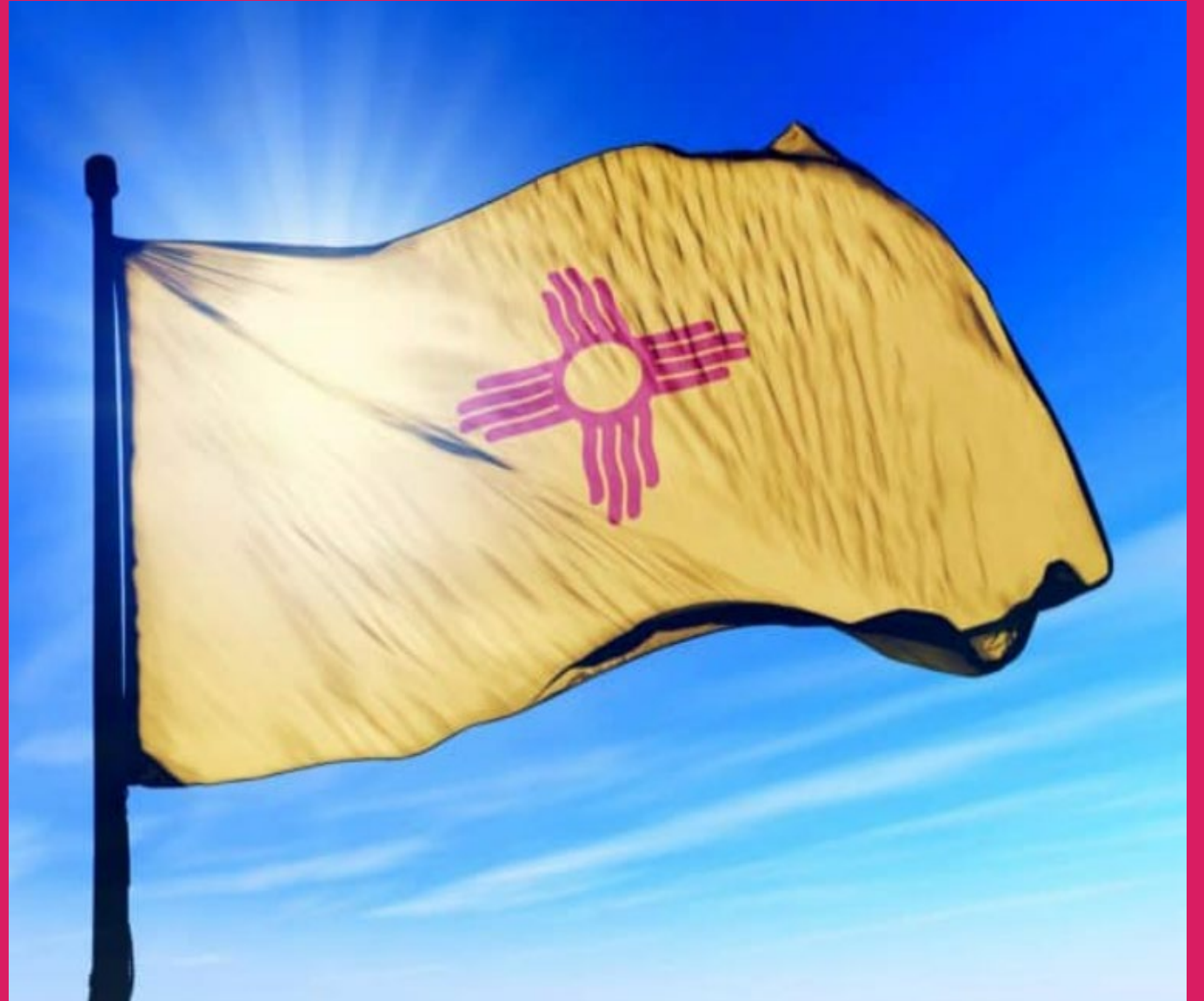


Junior Bill Grant: Community Programs

Rio Communities Community Programs: 228ZG9318

Funding

The City of Rio Communities has been awarded \$50,000 through Junior Bill 2228ZG9318 to enrich community programs. Thank you to Representative Matthew McQueen for allowing Rio Communities the opportunity to keep creating fun and exciting educational programs for all ages.





Computer Lab

The City of Rio Communities is creating a portable computer lab. The computer lab will feature 30 stackable desks and chairs, laptops, iPads, and tablets.

The computer lab will be used for coding, writing, robotic, and other programs throughout the year. While not in use, the tables, chairs, and computers will be stored away safely.

Cost of Computer Lab: \$15,000



Making Coding Easy

While the Makerspace currently offers some hands-on coding material, the City would like to introduce a more thorough, easy to learn and teach, coding program.

That program is Code Avengers.

Benefits of Code Avengers:

- Designed to teach three different computer scripts
- Builds on previous lessons
- Can be taught in weekly camps, as a club, or an individual can use the program on computers during open library hours
- Can be taught to 30 individuals at a time, with self-paced lessons and little instruction needed
- Has a teacher's license (easy to learn and teach, even if new to coding)
- Individuals that complete the program will have the ability to test for certificates (not paid for by the city), and start a career with what they learned and can earn up and average salary of \$63,000 a year

Cost: \$1,500 for two-year subscription

Website: www.codeavengers.com



3D Printing

The Makerspace currently has three 3d printers. However, when working with larger groups and the amount of time the printing takes, not all individuals get to participate. The solution is adding more, faster machines.

Sketch Classroom

- 3D printer solution designed to accelerate learning and design-thinking
- With teacher and student certifications and more than 600+ lesson plans included, educators can integrate more interactive design projects and increase student engagement
- Students can share design projects wirelessly and teachers can manage queues easily between printers



Cost: \$5,500

STEM PROGRAMS



STEM-based tactiles will allow students to gain interest in robotics, hydraulics, and engineering. All new STEM programs will be age appropriate and easy to teach by staff of volunteer groups.



Partnering with volunteer groups such as the Optimist Club and other non-profit clubs will allow more community members to have access to STEM programs.



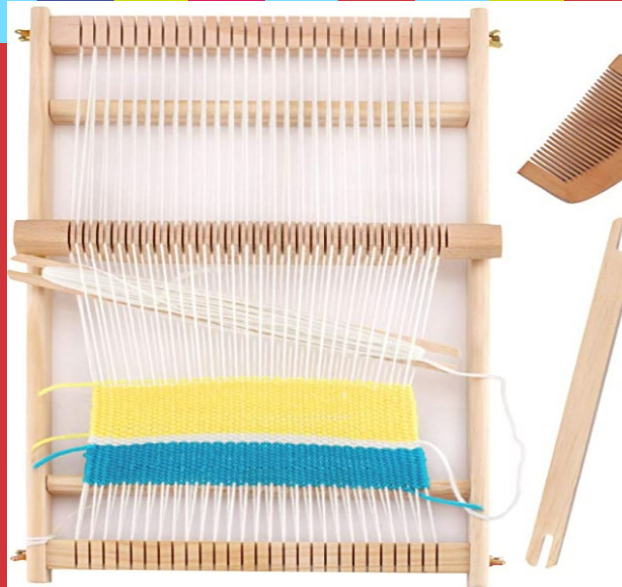
Cost: \$5,500

REQUESTED ARTS AND CRAFTS

Volunteer groups have offered to teach classes, such as jewelry making, weaving, soap and candle making and resin to children and adults.



Jewelry Making



Weaving



Soap and Candle Making



Resin

Cost: \$2,500



Chess Club

The City of Rio Communities will be providing twenty chess sets as well as clocks and score boards for Chess Club. Chess Club has been a success since it began in 2022. The City of Rio Communities would love to host chess tournaments in the near future.

Cost: \$1,000





LEGO CLUB

The formation of a LEGO Club will be great fun for students from elementary school to high school. The LEGO Club will be building the set for future stop motion filming classes.

Cost: \$3,000



Durable and sturdy furniture is a must for community programs.
More storage is necessary as the Makerspace adds programs.

Cost: \$16,000

A New Approach

A previous Junior Grant was awarded to the City of Rio Communities \$75,000 for community programs. With that money, the City created a Makerspace. For the first time, the city was able to offer summer programs in 2022. In collaboration with Belen Recreation, Rio Communities was able to host a variety of fun projects for 105 children in our new Makerspace. Since the first students came in the summer months, the Makerspace has been used by various groups.

The City of Rio Communities is currently unable to staff the Makerspace and have it always open, missing opportunities to serve the community. This year, we are working with non-profit and volunteer groups to help us host events and make the space more accessible for public use.



Total Cost of Programs

Computer Lab: \$15,000
Coding: \$ 1,500
3D Printing: \$ 5,500
STEM Programs: \$ 5,500
Arts and Crafts: \$ 2,500
Chess Club: \$ 1,000
LEGO: \$3,000
Makerspace Furniture: \$16,000

TOTAL: \$50,000



Thank you!

