



City of Santa Ana
20 Civic Center Plaza, Santa Ana, CA 92701
Staff Report
May 2, 2023

TOPIC: Resolution and Donation Agreement for Science, Technology, Engineering, and Mathematics (STEM) Focused Amenities at Madison Park and Angels Community Park

AGENDA TITLE:

Resolution Accepting the Donation of Science, Technology, Engineering, and Mathematics (STEM) Focused Amenities at Madison Park and Angels Community Park from the University of California Irvine School of Education, and a Donation Agreement with the University of California Irvine School of Education for the Installation of these Amenities at Madison Park and Angels Community Park.

RECOMMENDED ACTION

1. Adopt a resolution to accept the donation of Science, Technology, Engineering, and Mathematics (STEM) focused amenities at Madison Park and Angels Park from the University of California, Irvine School of Education.
2. Authorize the City Manager to execute a donation agreement with The Regents of the University of California, Irvine School of Education for the installation of the STEM-focused amenities at Madison Park and Angels Community Park. The amenities are valued at approximately \$249,000 and will come at no cost to the City. The agreement is valid from April 18, 2023, through December 31, 2023, subject to non-substantive changes approved by the City Manager and City Attorney.

DISCUSSION

The University of California, Irvine School of Education's STEM Learning Lab research team reimagines public park spaces with Science, Technology, Engineering, and Mathematics (STEM) learning activities and experiences for children. The University of California, Irvine School of Education has selected the City of Santa Ana as a recipient of a new playful learning landscape. This landscape will include a Number Ball and Fraction Ball court, a Parkopolis board game at Madison Park, and a How Tall Am I chart and Loteria activity panel at Angels Community Park. These additions are designed to promote learning opportunities for Santa Ana's youth and will come at no additional cost to the City.

All costs associated with the installation of this project will be absorbed by the University of California, Irvine, who will have oversight for the duration of the project, including

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materials and labor. Since the amenities are overlays on existing surface, there is no expectation of additional maintenance costs on the part of the City as the amenities will be included in the routine upkeep of these surfaces.

The following terms are incorporated into the donation agreement:

- Installation of Fraction Ball and Number Ball: painted overlay on the basketball court to promote fraction and decimal learning.
- Installation of Parkopolis: life-sized board game to promote math and science learning through physical activity.
- Installation of How Tall Am I: Growth chart to promote math through height measuring.
- Installation of Loteria: Activity panel to promote math and problem solving.

FISCAL IMPACT

This action will have no fiscal impact on the City. The City does not anticipate any additional maintenance costs due to the nature and type of amenities being installed. The maintenance of these amenities will be included in the overall cleaning and maintenance of Madison Park and Angels Park.

EXHIBIT(S)

1. Resolution
2. Agreement
3. Amenities Design and Layout

Submitted By: Hawk Scott, Executive Director of Parks, Recreation and Community Services

Approved By: Kristine Ridge, City Manager