

Connections to the STEM Ecosystem

Quality STEM Programs are connected to the general STEM Eco-system within their communities. Yuma District #1 has completed a variety of outreach activities over the last year to build a sense of community outreach and career options for students. Below is a sample of some of the outreach activities we have offered:

Community Science Connections in Helios STEM Pilot Schools

Fourth Avenue Junior High

- General Motors engineers – fuel cell car kits & volunteer experts
- County Superintendent & CISCO Foundation– iTEAMKiDS and GenYes
- Western Growers – garden grant
- JV Farms – support for garden (volunteers, seed, plants, fertilizer, food safety training)
- Yuma High Building Trades Class –raised garden beds
- Arizona Science Museum – free admission and transportation for field trip
- Numerous community volunteers for Career Fair
- 21st Century grant Summer School - robotics

Gila Vista Junior High

- County Superintendent & CISCO Foundation– iTEAMKiDS and GenYes
- 21st Century grant Summer School - robotics

Woodard Junior High

- Community volunteers for robotics class
- Architects in math class for model buildings
- County Superintendent & CISCO Foundation– iTEAMKiDS and GenYes license/Boot Camp
- 21st Century grant – robotics
- Science Foundation Arizona – STEM Club

Carver Elementary

- Native Plant Society volunteers for Science Day
- Parent volunteers for preparing and maintaining school garden
- Caballeros de Yuma – supplies and support for hot air balloon creation and launches
- United Way support for curriculum and trip to BizTown
- Chamber of Commerce and JV Farms– PowerPlayte program
- Yuma County Health Department – nutrition classes and master gardeners
- CISCO Foundation –GenYes license discount
- Migrant Summer School - robotics

McGraw Elementary

- County Superintendent & CISCO Foundation – iTEAMKiDS and GenYes license/Boot Camp

- Caballeros de Yuma – supplies and support for hot air balloon creation and launches
- Chamber of Commerce and JV Farms– PowerPlayte program
- 21st Century grant – biome class
- 21st Century grant – nutrition class
- City of Yuma and University of Arizona – Project WET Day
- City of Yuma – river & wetlands study (through 21st Century)
- Migrant Summer School - robotics

O. C. Johnson Elementary

- County Superintendent & CISCO Foundation – iTEAMKiDS and GenYes license/Boot Camp
- Parent volunteer built greenhouse for school garden
- Caballeros de Yuma – supplies and support for hot air balloon creation and launches
- Chamber of Commerce and JV Farms– PowerPlayte program
- 21st Century grant – robotics in summer school
- City of Yuma and University of Arizona – Project WET Day
- Migrant Summer School - robotics

Otondo Elementary

- County Superintendent & CISCO Foundation– iTEAMKiDS and GenYes license/Boot Camp
- SMART Night – supported by parent volunteers & sponsored by PTO
- AWC – field trips
- Chamber of Commerce and JV Farms– PowerPlayte program
- Migrant Summer School – robotics
- Civil Air Patrol – materials for flight and rocketry experiments
- U.S. Naval Academy – long-distance expert STEM speaker and Maury Project

Roosevelt Elementary

- CISCO Foundation–GenYes license discount
- 21st Century grant – iTEAMKiDS and GenYes license/Boot Camp
- Yuma Crossing Park – class & field trips to study Lower Colorado River and its environment
- Caballeros de Yuma – supplies and support for hot air balloon creation and launches
- United Way support for curriculum and trip to BizTown
- Chamber of Commerce and JV Farms– PowerPlayte program
- Migrant Summer School - robotics

Pecan Grove Elementary

- City of Yuma and University of Arizona – Project WET Day
- Local pediatrician – all equipment and consumables to outfit two-room science center
- Chamber of Commerce and JV Farms– PowerPlayte program
- County Superintendent & CISCO Foundation – iTEAMKiDS and GenYes license/Boot Camp

- Migrant Summer School - robotics