green our planet

Creators of America’s Largest School Garden Program
Green Our Planet‘s Mission

Founded by Ciara Byrne and Kim MacQuarrie in 2013, Green Our Planet is a 501(c)3 nonprofit conservation organization that runs the largest and one of the most comprehensive STEM (science, technology, engineering, and math) school garden programs in the United States.

The program’s mission is to increase student academic performance in STEM subjects as well as to conserve and protect the environment through project-based STEM education, which includes nutrition, financial literacy, and conservation education in PreK-12 schools.
2013: Installed First School Garden
2019: Largest school garden program in the US
160+ gardens serving 128,000+ students
Why School Gardens?
Green Our Planet School Gardens Offer Solutions

❖ **Improve student academic performance**
   In a comprehensive review of 20 years of literature on school garden programs:
   ❖ 93% of the studies reported improved student performance in science
   ❖ 80% saw improvement in math
   ❖ 72% noted improvement in language arts

   (Williams and Scott Dixon, 2013)

❖ **Increase children's vegetable consumption** and variety of vegetables eaten
   (Ratcliffe et al. 2011)

❖ **Instill in students a lasting respect for nature**
   (Lohr and Pearson-Mims 2005)
Our Goals

❖ Increase student academic achievement in STEM education
❖ Improve student health
❖ Increase community engagement
❖ Educate the next generation of conservationists
Green Our Planet STEM Curricula
Providing Resources

Outdoor Garden

Hydroponics

- Care Takers
- Seeds
- Insects
- Seeds & Cuttings
- Plant Parts
- Pollination
- Soil & Composting
- Nutrition & Native Plants
- Farm-Preneurs
- Life Cycles & Environments
- System Engineers
- Hydroponic Entrepreneurs
Mid-year Program Satisfaction Survey
Survey sent to all principals and garden team leads working with Green Our Planet
Over 50 Sponsors

After School All Stars
Alice C Tyler Perpetual Trust
All in Web Pro
Alpha Landscapes
American Honda Foundation
Bank of Nevada
Boyd Gaming
Brees Foundation
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Café de Paraiso
Owen and Marty Carver Foundation
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Charles Schwab
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City of Las Vegas
Consumer Technology Association (CTA)
Cosmopolitan
CPC, Inc
Diamond Resorts
Focus Property Group
Fruits & Roots
Get Fresh Sales
Honey Salt
Jamba Juice
Jameson Foundation
JBA Consulting
Junior League of Las Vegas
KB Home
Keep Las Vegas Beautiful
Ken MacDonald (NewFields)
Ken McDonald
KJS Family Foundation
Ladies Who Dine LV
Landwell
Logistical Solutions
Lowes
Los Vaqueros
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Marty & Owen Carver Foundation
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