

## CARES Expanded Learning Program Partnership with the National Inventors Hall of Fame

The National Inventors Hall of Fame (<https://www.invent.org>) modules will support and enrich the four week summer program at 15 CARES K-8 schools. CARES will facilitate the hands-on, engaging, and problem based learning modules, Duck Chuck and Solar Bot modules, three to four times a week at the 15 sites. All modules are aligned to the NGSS and empower students to collaborate, create, gain confidence and practice divergent thinking with the acclaimed summer enrichment program that has reached children nationwide for more than 30 years. Based on credible research and directly informed by world-changing inventors, Camp Invention® provides a new, tested program each year. Their engaging, hands-on modules are designed to meet the needs of K-8 students, helping them overcome summer learning loss and develop the Innovation Mindset — a growth mindset that instills essential skills for any area of life.

The total purchase of the modules is \$80,254.70 and funding source PR information below (R123210-Duck Chuck, and R123211 SolarBot).

- Duck Chuck™ -In this global adventure, students build and test a device to launch rubber ducks around the world. First, they collect “quack coins” to buy materials for their devices. Next, they launch their ducks to visit famous landmarks while putting physics concepts like trajectory and velocity to the test. [Duck Chuck aligns with Common Core and Next Generation Science Standards.](#)
  - R123210 - "Duck Chuck" and "Solar Bot" kits. 86 kits x \$65.00 each = \$5,590.00 plus \$545.03 tax = \$6,135.03
  - Funding Source is CDBG Concord grant (program 36660)
    - Ygnacio Valley Elementary
    - El Dorado Middle
    - Oak Grove Middle
    - Fair Oaks Elementary
    - Meadow Homes Elementary
    - Cambridge Elementary
- SolarBot™ -Students explore circuitry, engineering and the science of sound as they make and adopt their own solar-powered robotic crickets. Hands-on challenges lead students to consider the lives of real insects as they create customized cricket habitats and invent gear to outsmart predators. [SolarBot aligns with Common Core and Next Generation Science Standards.](#)
  - R123211 - "Duck Chuck" and "Solar Bot" kits. 1,039 kits x \$65.00 each = \$67,535.00 plus \$6,584.67 tax = \$74,119.67.
  - Funding source is ASES Grant (program 38710)
    - Bel Air Elementary
    - Delta View Elementary

- El Monte Elementary
- Holbrook Language Academy
- Rio Vista Elementary
- Shore Acres Elementary
- Sun Terrace Elementary
- Wren Avenue Elementary
- Riverview Middle