

**CARES Expanded Learning Program Partnership with the National Inventors Hall of Fame
2021/22**

National Inventors Hall of Fame (<https://www.invent.org>) modules will support and enrich the fall program at 15 CARES K-8 schools. CARES will facilitate the hands-on, engaging, and problem based learning modules, Open Mic and Road Rally modules, one to two times a week at the 15 (CARES 12 elementary and three middle school 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.

The following funding sources will be used: After School Education & Safety (ASES), Community Development Block Grant (CDBG) Contra Costa Grant, CDBG Concord Grant, and Local Control Funding Formula (LCFF). The breakdown is as follows:

- Funding Source is CDBG Concord grant (program 36660) \$50,000
 - El Dorado Middle 103 kits
 - Oak Grove Middle 84 kits
 - Fair Oaks Elementary 86 kits
 - Meadow Homes Elementary 136 kits
 - Cambridge Elementary 149 kits
 - Wren Ave 108 kits
 - Ygnacio Valley Elementary 96 kits

- Funding source is CDBG Contra Costa Grant (program 36610) \$10,000
 - Bel Air Elementary 37 kits
 - Rio Vista Elementary 38 kits
 - Shore Acres Elementary 46 kits
 - Riverview Middle 31 kits

- Funding source is ASES Grant (program 38710) \$67,595.35
 - Bel Air Elementary 91 kits
 - Cambridge Elementary 48 kits
 - Delta View Elementary 143 kits
 - El Monte Elementary 84 kits
 - Fair Oaks 27 kits
 - Meadow Homes 44 kits
 - Rio Vista Elementary 100 kits
 - Shore Acres Elementary 120 kits

- Sun Terrace Elementary 139 kits
 - Wren Avenue Elementary 35 kits
 - Riverview Middle 84 kits
 - Ygnacio Valley Elementary 32 kits
 - El Dorado Middle 33 kits
 - Oak Grove Middle 27 kits
- Funding source is Local Control Funding Formula (LCFF 09300) \$5,202.15
 - Holbrook 79 kits
- Open Mic: In this empowering module, children voice their ideas as their imaginations are amplified through invention and entrepreneurship! First, they reverse engineer a wireless microphone, and then they follow the Camp Invention Design Thinking Process™ to develop and pitch their own amazing inventions. [Aligns with Common Core and Next Generation Science Standards.](#)
- Road Rally: Entering a Vehicle Design Lab, children apply nature-based discoveries to create vehicles that can travel across land and have morphing prototype elements to show how it might adapt to move through the air and even under water. Exploring energy, fuel and movement, children modify their designs to take on challenges in an exciting Super Road Rally. [Aligns with Common Core and Next Generation Science Standards.](#)