

Napa County Wildlife Conservation Commission GRANT REPORT

Project Title: Native Habitat Monitoring for the Protection of Pollinators

Grantee: The School Garden Doctor (501(c)(3) Nonprofit | EIN: 83-1551303)

Reporting Period: September 1, 2025 – June 15, 2026

Award Amount: \$4,700 (Total Project Budget: \$10,00)

1. Executive Summary & Organizational Overview

The School Garden Doctor, established in July 2018, delivers inclusive, nature-forward, and garden-based environmental science programming for youth across Napa County. In response to regional pollinator declines and a critical lack of localized biodiversity data, this project proposed to monitor six distinct habitat sites (three school-based and three public-access gardens). By transforming students into community scientists, this initiative bridged the gap between classroom science curriculum and municipal conservation needs.

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2. Project Performance & Key Metrics

The project met core quantitative and qualitative benchmarks during the 2025–2026 academic calendar.

Key Performance Indicators (KPIs)

- **Sites Monitored:** 4 distinct locations (Stone Bridge School, Calistoga Jr./Sr. High, Valley Oak High, Skyline Park).
- **Youth Engagement:** 150+ students actively trained in formal field tracking protocols.
- **Data Generation:** >500 unique observations submitted to iNaturalist and Calflora, tracking bloom times, phenology, and pollinator abundance.

- **Habitat Infrastructure:** Maintained and expanded a network of registered **Monarch Watch** waystations along a strategic four-mile east-to-west ecological corridor.
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3. Methodology & Curriculum Integration

The program eliminated historical barriers to outdoor school-year science by embedding data-collection infrastructure directly into standard curriculum units. Key elements included:

- **Tools:** Students utilized specialized field guides and kept nature journals to record robust ecological data.
 - **NGSS Alignment:** Field activities maps directly to California Next Generation Science Standards (NGSS) and Environmental Principles & Concepts (EP&Cs):
 - *Calistoga Jr./Sr. High:* MS-LS2-1, MS-LS2-4, HS-LS2-6, and HS-LS2-7 (Interdependent Relationships & Ecosystem Dynamics).
 - *Valley Oak High:* HS-LS2-2 (Mathematical scale and biodiversity metrics).
 - *Stone Bridge School:* 5-ESS3-1 (Community-led earth resource protection).
 - **Civic & Agency Partners:** This project was formally endorsed by the **Napa County Wildlife Conservation Coalition** and informally supported by the **Resource Conservation District (RCD)**, and Napa Valley Chapter of the **California Native Plant Society (CNPS)**.
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4. Wildlife Benefits & Regulatory Compliance

This project directly satisfies **California Department of Fish and Game (CDFG) Code §13103, Section (a)** by funding structured public education programs rooted in the scientific principles of wildlife conservation.

5. Financial & Expenditure Report

The final budget expended for this project was \$5,687.21. The enclosed table summarizes the expenses. We have attached the documentation for our reimbursement request of **\$4,700**.

Expense category	Amount Requested	Awarded (47%)	Actual Spent	Reimbursable	Narrative
Personnel	\$4,250.00	\$1,997.50	\$2,916.60		
<i>Project Management (The School Garden Doctor)</i>	\$2,000.00	\$940	\$666.60	n/a	Approximately 1-2 hours per month, plus 3 seasonal teacher meetings and classroom demonstrations
<i>Teacher Stipends</i>	\$2,250.00	\$1,057	\$2,250.00	\$1,958.39	3 @ \$750 ea.
Habitat Monitoring Kits	\$5,750.00	\$2,702	\$2,770.61		
<i>Nocs Zoom Tube</i>	\$3,600.00	\$1,692	\$1,611.22	\$1,611.22	REI.com - \$537.07 + 1074.15
<i>Field Notebooks</i>	\$250.00	\$117.50	\$481.64	\$481.64	1 per student; \$1/ea., plus extras
<i>Local Wildflower Identification Guide</i>	\$500.00	\$235.00	\$248.75	\$248.75	California Wildflower Guide Premium Quality Earth Sky + Water ; 9.99 ea. +shipping
<i>Bee ID Field Guide</i>	\$900.00	\$423.00	\$400.00	\$400.00	Common Bees in California Gardens 19.99 ea. + _____
Total Project Budget	\$10,000.00	\$4,700	\$5,687.21	\$2,770.61	
				\$4,700	Total Reimbursement Request