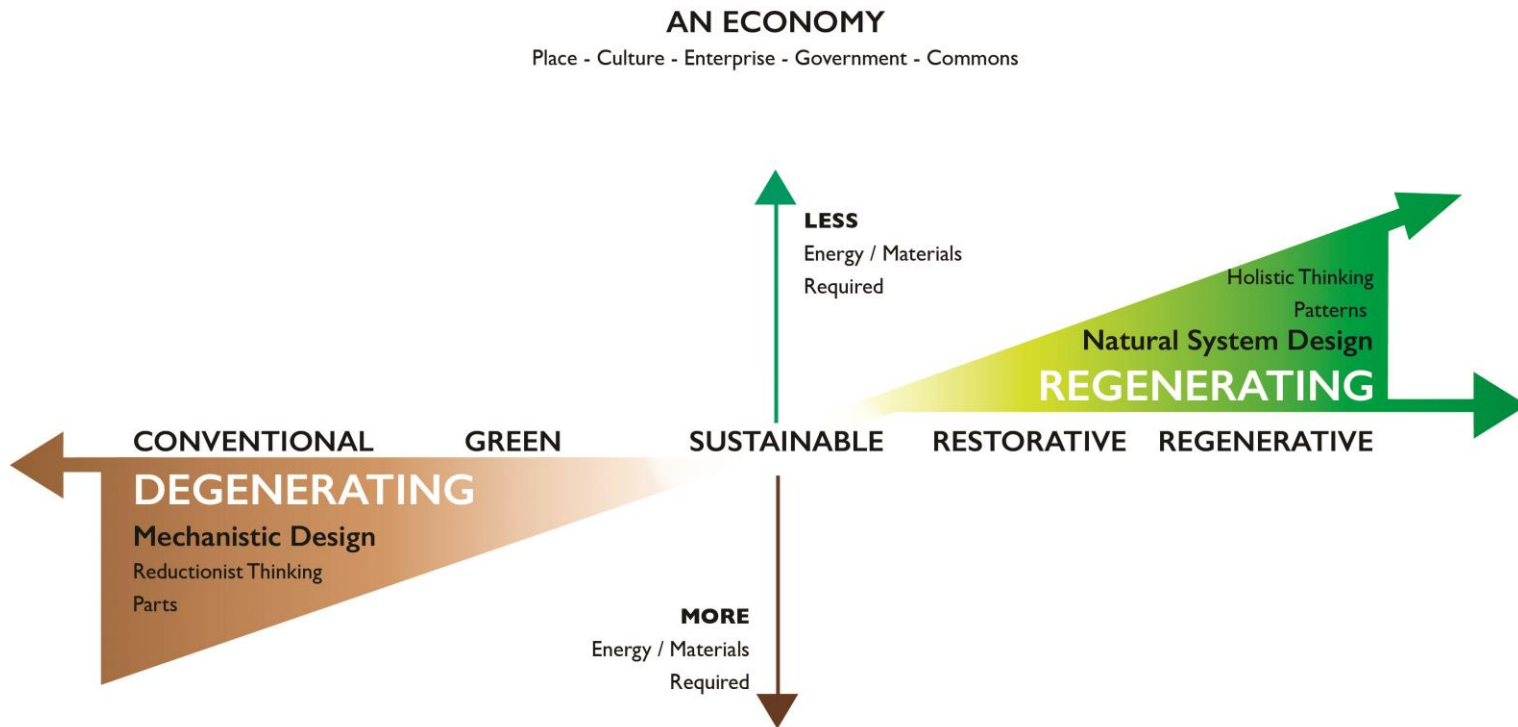




Why Sustainable Schools?



Trajectory of Ecological Design

Sustainable Schools Initiative

- Moving beyond GREEN

- Focus will be on

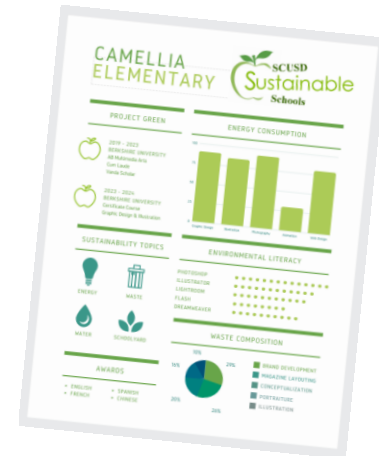
- Resource Conservation
- Building Construction
- **Behavior Change**
- **School Systems**

- Whole School Approach

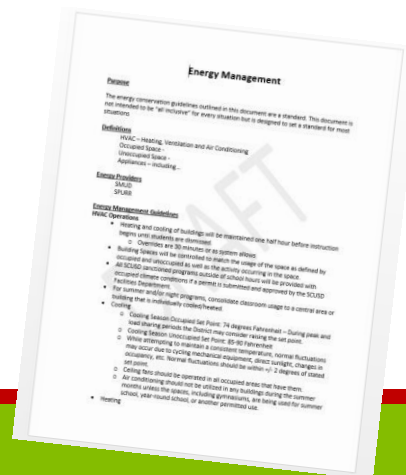
- Components

- Curriculum
- Professional Development
- Utility Data Dashboard

- School Profiles



- Standard Operations Guide



How do you participate?

	Guided (Project Green)	Unguided
Topic	District Chooses	School Chooses
Timeline	X	
Curriculum	X	X
Mentorship	X	
Professional Development	X	X
Collaboration Workshop(s)	X	
Project Funding	X	
Sustainable School Profile	X	X



ORIENTATION

THURSDAY, OCTOBER 5

SERNA CENTER

About

- 7th year of Project Green
- Project Green is a program designed to educate students and staff about resource conservation while using the school building as a interactive tool to illustrate topics in science, math and social issues.
- The program focuses on student-led projects that encourage exploration of the relationship between natural resource consumption and the buildings where we live, work and learn.
- 50% of SCUSD schools have participated, new schools join every year

Program Format

- Submit Participation Agreement Form
 - What students are participating? Who will their advisor be?
- Complete Lesson Plans/Educational Material specific to topic
- Conduct Waste Audit/Data Collection
- Implement resource reduction project
- Write report and give presentation on project
- Attend Earth Day celebration!

2018 Topic: Waste & Recycling

Why?

- State Mandate
 - 2012 - Recycling
 - 2016 – Organics Recycling
- Improve Existing Recycling programs
- Tangible and personal for students
- Reduce greenhouse gas emissions

How many pounds of waste does an average American generate per day?

School Participation

in Project Green

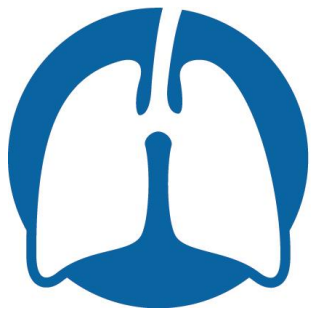


Coordinated Green Team Meetings

- The Project Green Specialist will meet with each school's Green Team to coordinate data collection and project implementation
- **REQUIRED to schedule min. two Green Team Meetings**
 - Discuss existing waste collection processes
 - Conduct waste audit
 - Brainstorm recycling program implementation

Community Partner Assistance

- Each school will receive assistance from our partner organizations
 - Attend Green Team Meetings
 - Assist with curriculum and waste audits
 - Help with program implementation
 - Provide incentives for staff



BREATHE
CALIFORNIA

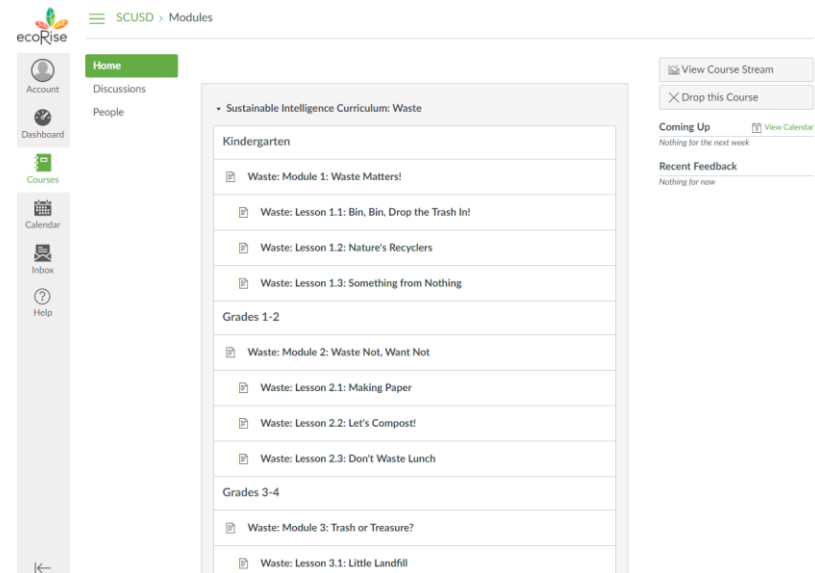


Educational Materials

EcoRise

- Non-profit, environmental curriculum
- Free access to Education Platform
- Standards aligned lesson plans
- Grade level specific (K-12)
- Topic specific
- **REQUIRED to complete 3 lessons**

<https://ecorise.org/>



The screenshot displays the EcoRise platform interface. At the top, the logo 'ecoRise' is visible on the left, and 'SCUSD > Modules' is on the right. A navigation sidebar on the left includes icons for Account, Dashboard, Courses, Calendar, Inbox, and Help. The main content area shows a course titled 'Sustainable Intelligence Curriculum: Waste'. Below this, there are three grade-level sections: Kindergarten, Grades 1-2, and Grades 3-4. Each section lists specific lessons with document icons. The Kindergarten section includes 'Waste: Module 1: Waste Matters!' and three lessons: 'Waste: Lesson 1.1: Bin, Bin, Drop the Trash In!', 'Waste: Lesson 1.2: Nature's Recyclers', and 'Waste: Lesson 1.3: Something from Nothing'. The Grades 1-2 section includes 'Waste: Module 2: Waste Not, Want Not' and three lessons: 'Waste: Lesson 2.1: Making Paper', 'Waste: Lesson 2.2: Let's Compost!', and 'Waste: Lesson 2.3: Don't Waste Lunch'. The Grades 3-4 section includes 'Waste: Module 3: Trash or Treasure?' and one lesson: 'Waste: Lesson 3.1: Little Landfill'. On the right side, there are buttons for 'View Course Stream', 'Drop this Course', 'Coming Up' (with a 'View Calendar' link), and 'Recent Feedback'.

Recycling Program Materials

- Signage for waste and recycling containers
- Color coded brutes for cafeteria organics recycling
- Proper sorting education
- Custodial equipment and/or waste disposal infrastructure improvements



Student Participation

in Project Green



Waste Project Implementation

- Conduct before and after waste audits
- **REQUIRED to conduct project** that reduces waste or improves recycling at their school
 - Classroom collection
 - Cafeteria food waste collection
 - Reduce waste production
- **REQUIRED to write a report on project**
- **REQUIRED to present summary of project to group of visitors at their school**

Benefits to students

- Project based learning
- Problem Solving Skills
- Presenting Experience
- Pride in school
- Career Opportunities

Advisor Participation

in Project Green



Advisor Responsibilities

- Complete EcoRise Lesson Plans (3)
- Professional Development
 - **REQUIRED to attend educational workshops (2)**
 - Workshop 1- Using EcoRise in your classroom (*Elementary, Middle School Teachers Only)
 - Workshop 2- Demonstrating NGSS teaching skills learned
- Organize meetings with school Green Team, PG Specialist, Mentor
- Sign up for presentation date/time
- Attend Earth Day Celebration!

Advisor Benefits

- NGSS Professional Development
- Access to experts and community partners
- District-level support
- Cross-school collaboration

Advisor Support

- **REQUIRED min. 2 site visits from Project Green Specialist**
 - At least one during waste audit or EcoRise lesson
- Ongoing communication and help on Project Green program
- Opportunities to network and connect with other teachers/advisors
- Education Workshops with access to experts and professionals within the field

Timeline

Date	Event
October 5	Project Green Orientation
October 18	NGSS Fall Workshop – Elementary, Middle School Teachers Only
November Green Team Meeting	Schools start implementing curriculum, Schools Complete CHPS Waste Survey Form, Access to waste audit/data collection tool

December Green Team Meeting	Schools conduct waste audit using provided lesson, produce baseline data
January 8 Schedule All School Assembly	Schools implement new recycling program in classrooms and/or cafeteria
February	Continue curriculum, monitor new program
March	Schools conduct follow up waste audit, prepare reports and presentations
April	NGSS Spring Workshop, School Presentations
April 22 – Earth Day	Celebration event planned near Earth Day

Next Steps

- Decide how you would like to participate (Guided or Unguided)
- Determine a class or group of students to participate
- Submit Participation Agreement Form (on website)
 - DUE October 13, 2017
- Mark the first Advisor Workshop on the Calendar
 - October 18, 2017

Questions?

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Project Green Specialist

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