



CULVER CITY UNIFIED SCHOOL DISTRICT

CCUSD Environmental Sustainability Committee

Shea Cunningham, Co-Chair

Todd Johnson, Co-Chair

Jon Barton

Charlie Dolan

Julie Fitts

Heidi Kindberg Goss

Jackie Jung (Student Rep)

Cully Nordby

with Support from...

Nancy Goldberg, Board Member

Mike Reynolds, Asst. Superintendent

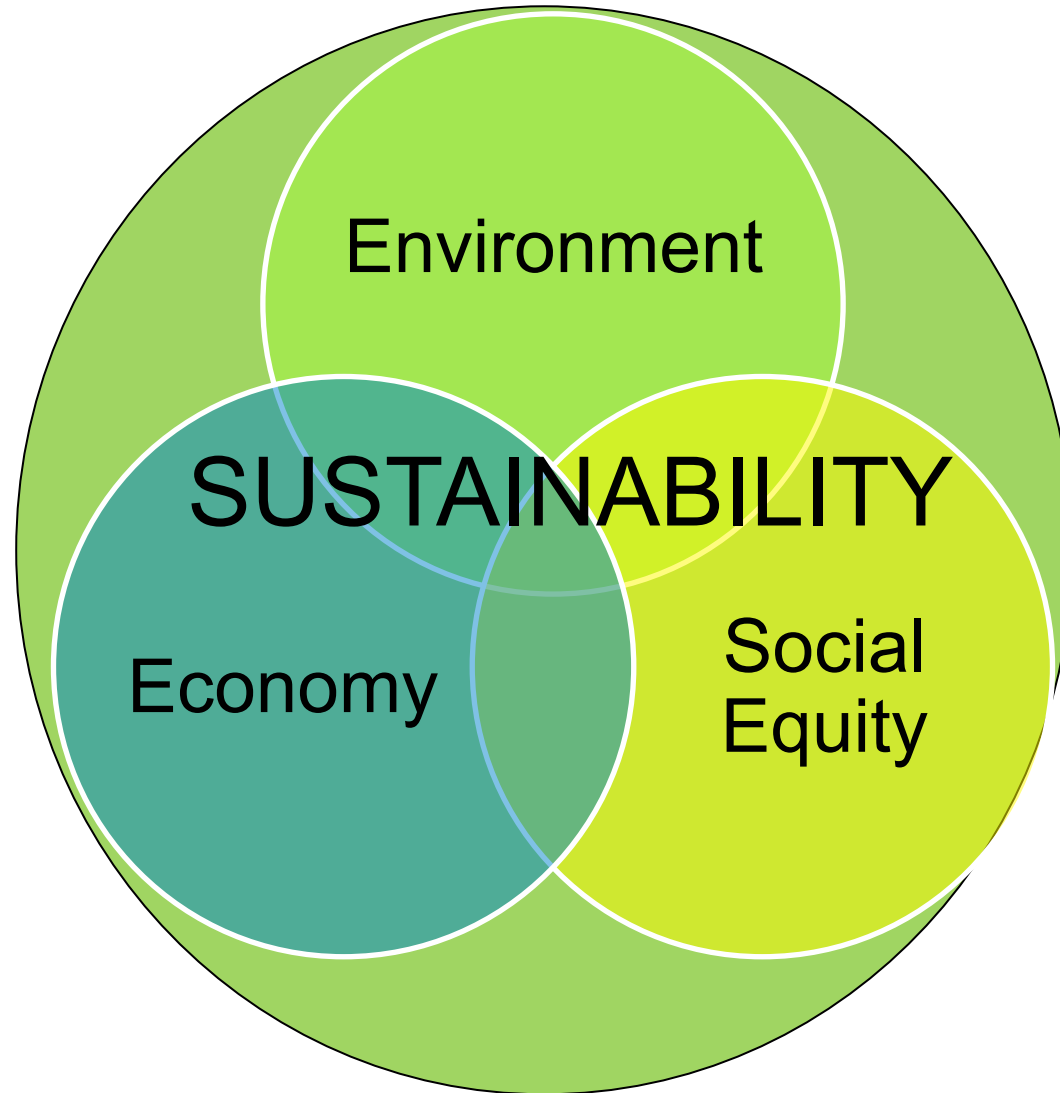
CC Public Works Environmental Programs and Operations

Jane Brown, Parent

Christina Halloran, Parent & Teacher

October 8, 2013

Sustainability: the 3 E's



CCUSD Environmental Sustainability Committee

Goal to help create a fully sustainable CCUSD by “greening” operations in a fiscally responsible way and by fostering a community of globally responsible citizens.

Good News!

CCUSD is well on the way to achieving this goal...



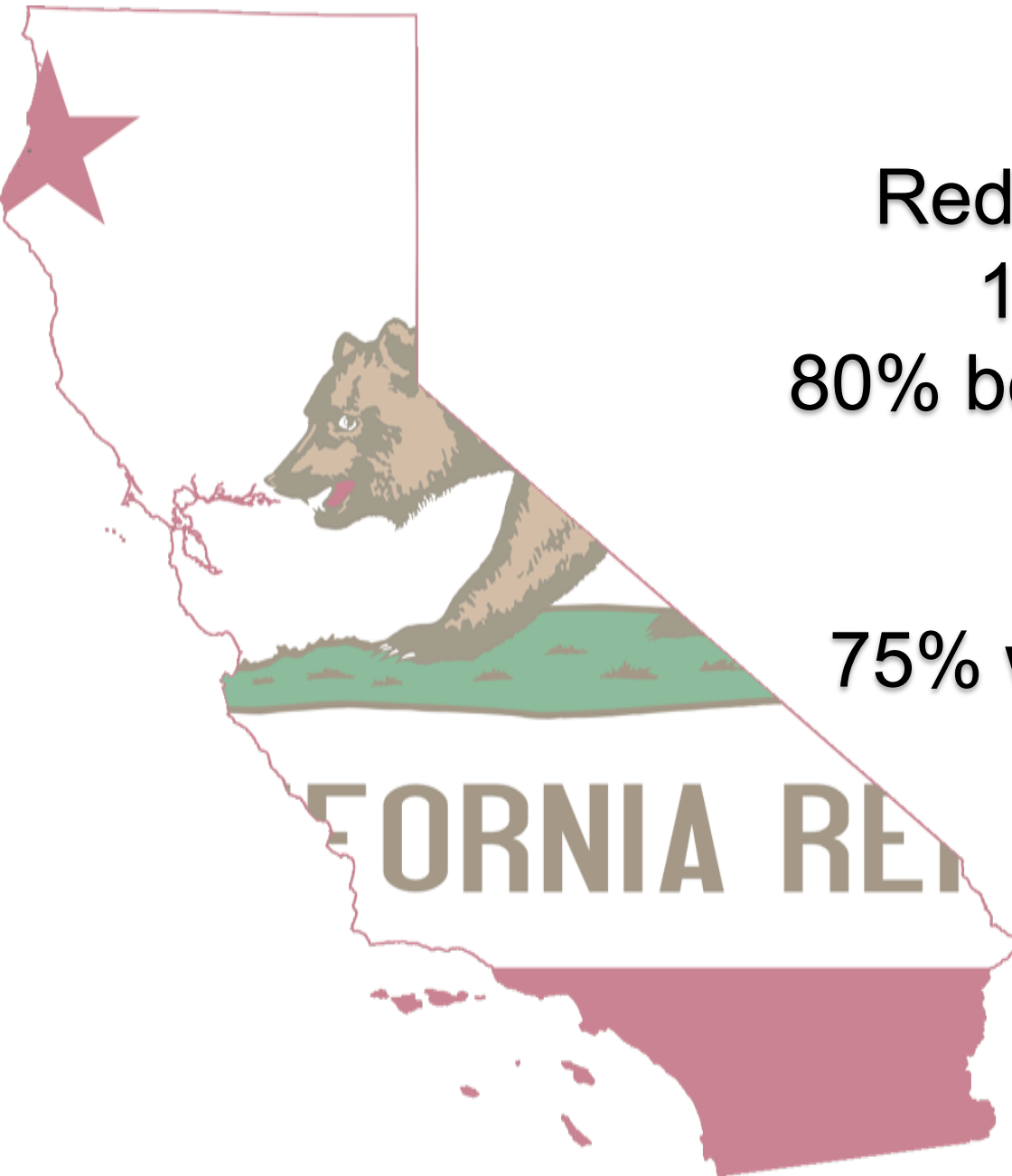
State of California

AB 32

Reduce GHG emissions to
1990 levels by 2020
80% below 1990 levels by 2050


AB 939 & AB 341

75% waste diversion by 2020





CCUSD is leading!

The background of the image shows a large, light-colored building with a complex roof structure. A significant portion of the roof is covered with a grid of solar panels. The sky is a clear, bright blue. The text is overlaid on the center of the image, using a light green color with a dark outline for high contrast.

New solar installation
equals the carbon offset
of planting
5,300 trees PER YEAR
for the next 30 YEARS

Solar on the main campus: over \$8 Million guaranteed to be added to the general fund with no new or increased taxes.

Time Period	Estimated General Fund Benefit
1 Year	\$410,000
5 Years	\$2.0 - \$2.1 million
25 Years	\$8.2 - \$12.3 million
30 Years	\$10.4 - \$16.4 million

Source: Clyde Murley 3/13/2012



Solar Education benefits

“project lead the way” SunPower’s curriculum
working with teachers

+

Live monitoring of kWh production in classrooms

+

possible summer solar academy

+

SunPower Foundation™

=

Real world math, science & trade education



ccusd.org/sustainability

Five simple ways we can make CCUSD more sustainable:

1) Let the Sun Shine In!

Open the blinds and use the sun to light up your room.

2) Unplug It!

Share appliances and unplug them when they are not in use.

3) Too Hot, Too Cold, Just Right!

Close windows and doors when the heat or air-conditioning is on.

4) Bring Your Own Bottle!

Use refillable water bottles instead of single-use plastic bottles.

5) Reduce, Reuse, Recycle!

Reduce your consumption, Reuse whatever you can, Recycle whenever possible.

Kids are motivated by seeing they are making progress!

My actions count Farragut Elementary

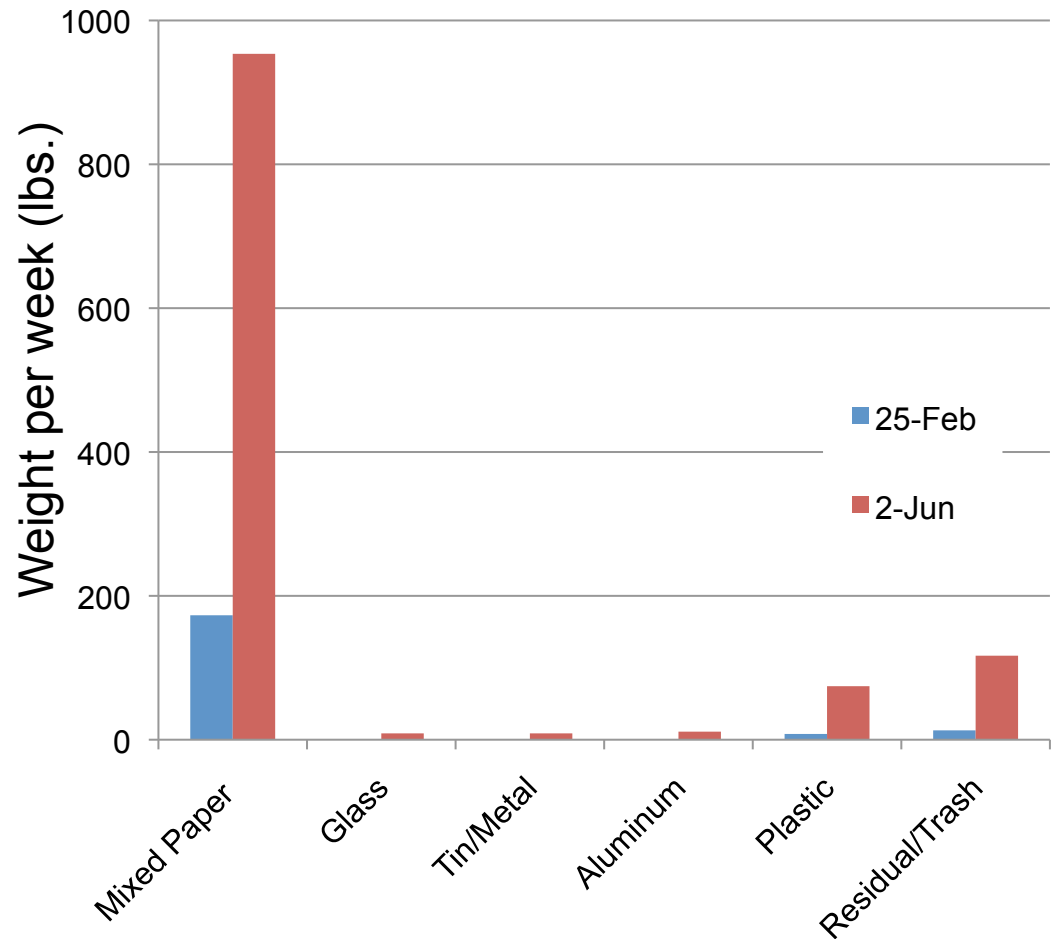


CULVER CITY UNIFIED SCHOOL DISTRICT

Goal is a uniform, two-bin system district-wide

- blue mixed recycling & black trash, side-by-side everywhere
- good, clear signage
- adding compost bins in lunch rooms!





- >80% of recycling waste is mixed paper
- ~5-fold increase in recycling after GREEN⁵ campaign
- Recycling pickups increased to 2x/week

In collaboration with
Culver City...

So long Styrofoam!
Hello Composting!

Styrofoam/ Polystyrene :

- EPA says likely Carcinogen
- creation is heavily polluting
- made from petroleum
- does not biodegrade
- takes 30% of landfill space

As of Oct. 1st, all CCUSD
elementary school children
are eating off **new**
compostable paper trays!



2012-13 CCUSD: A leader in sustainability

- \$23k CalRecycle grant: recycling bins in all Elementary Schools, District Office and Office of Child Development
- GREEN⁵ grew at Lin Howe, started at Farragut and El Marino, recruited for La Ballona and El Rincon

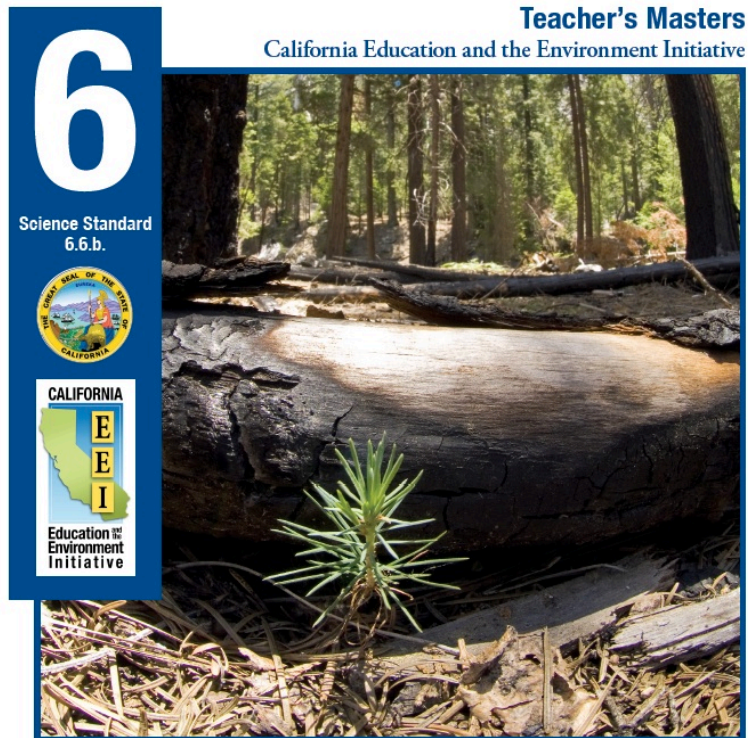
2013-14 will be even better...

- Applied for 2nd CalRecycle grant to fund bins for Middle and High Schools
- Phased out Styrofoam
- Food waste program kicked off
- Solar power installation
- Hydration stations in progress

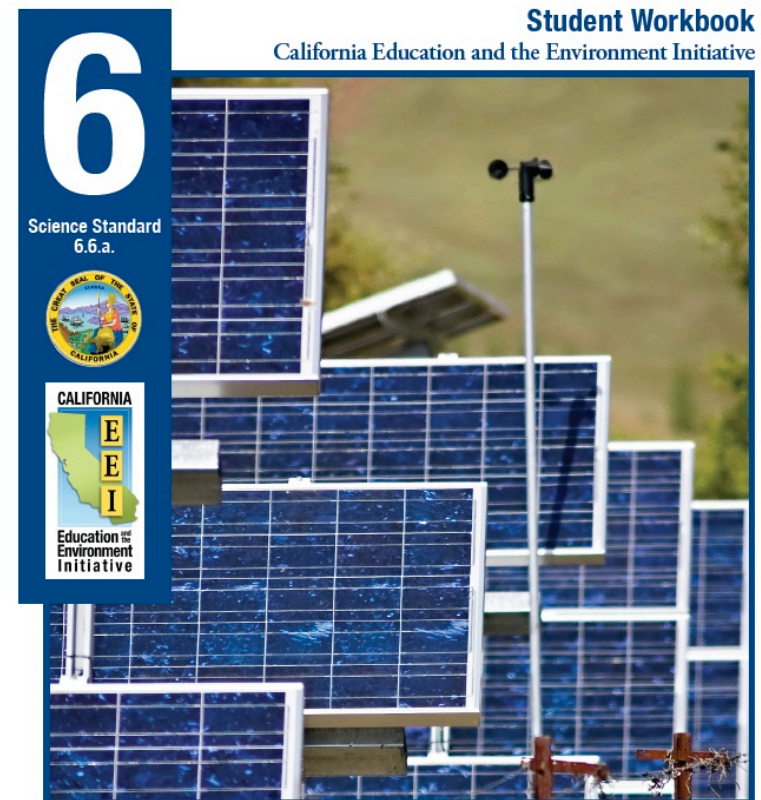
2013-2014 Opportunities

- Recycling bins and GREEN⁵ campaign in Middle School, High School, Culver Park High School, and Adult School (if awarded CalRecycle grant)
- Grades of Green Zero lunch challenges
- PowerSave Schools alliance program (no cost to district)
- Sun Power led tours & assemblies for High School
- Potential for expanded sustainability education (e.g., solar lesson plans, interactive website, solar kit, job training)
- Investment in energy efficiency via Prop 39 funding

Education opportunities



Energy and
Material Resources:
Renewable or Not?



Energy: It's Not All the
Same to You!

Our Future is Bright!

We have made tremendous headway – let's keep up the momentum!

How do we compare ... who can we learn from?

- Consider aiming for a “Green School” certification or award (eg. Green Ribbon, Green Star, CHPS)
- Other CA schools have implemented comprehensive sustainability programs including SFUSD, LAUSD, SMMUSD, Ojai, Berkeley, others
- Research reveals schools with official sustainability programs and resolutions are highly motivating and effective
- Sustainability Successes are Win-Win!

