



Green by Design

Laura Castro

Harvest Park Middle School

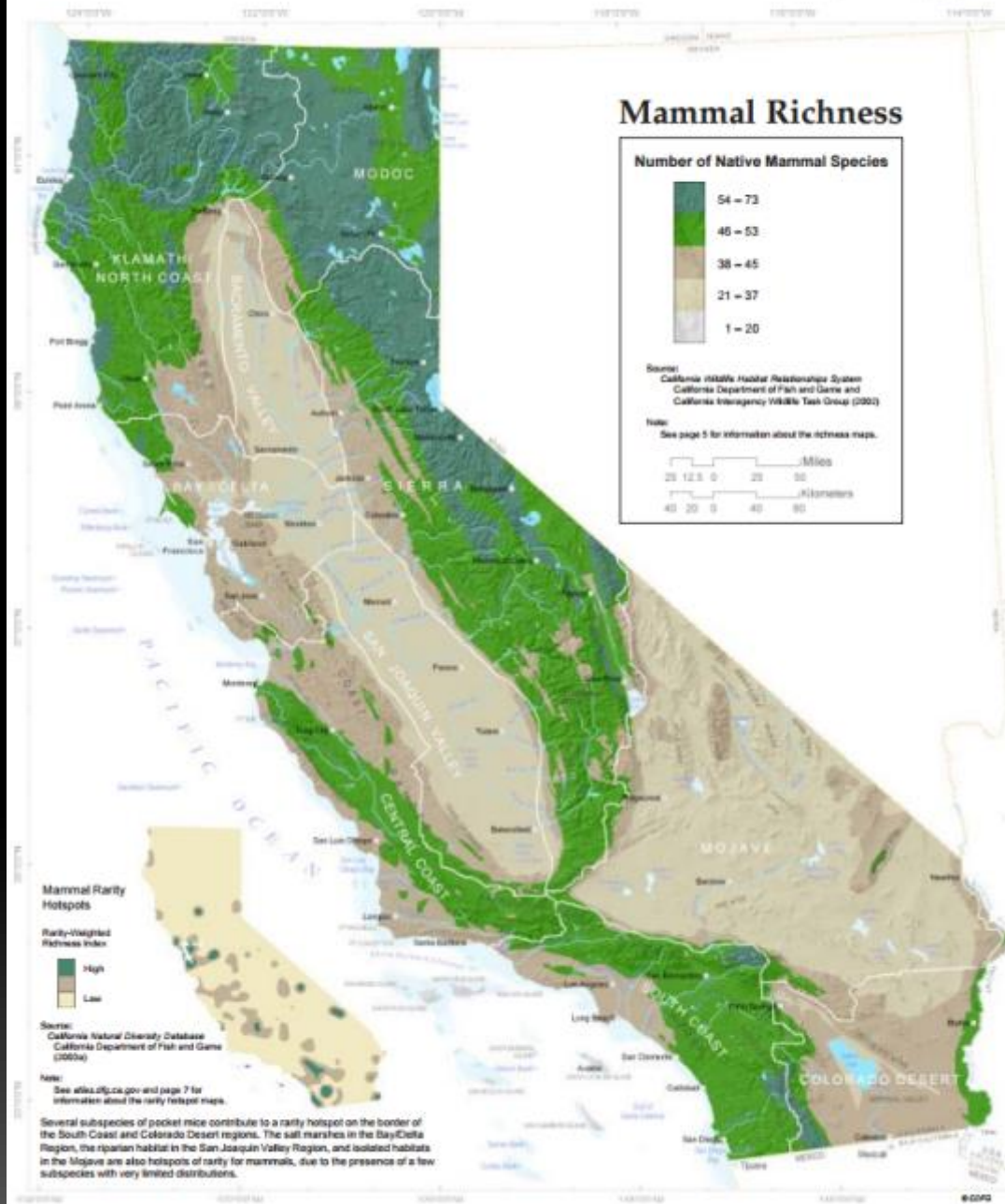
Nate Ivy

StopWaste Ambassador Program

CALIFORNIA IS A SPECIAL PLACE

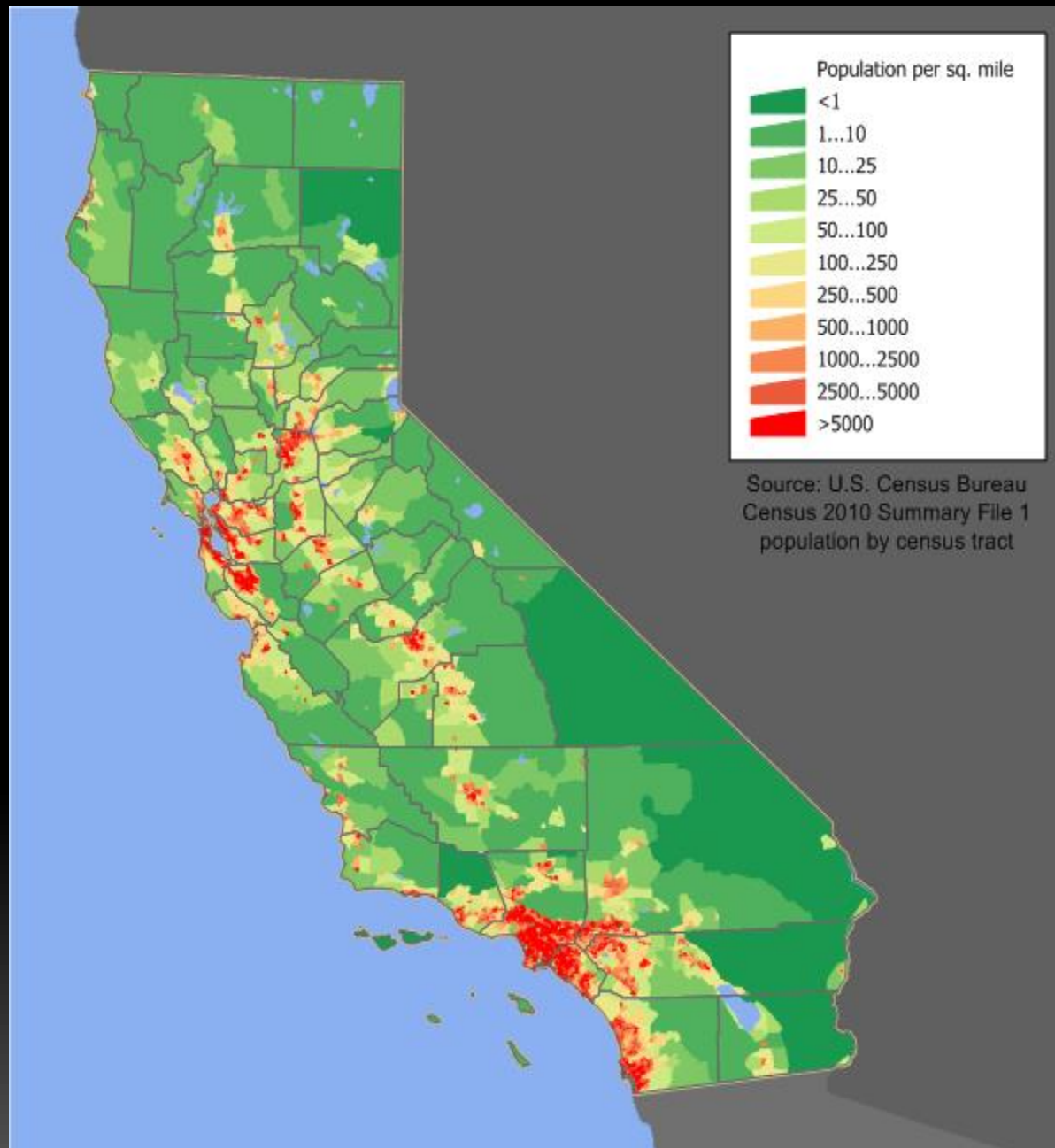
- California has some of the highest plant diversity in the world
- With over 5,000 native species, CA represents nearly 25% of all plant diversity in North America
- Over 1/3 of California's plants are endemic (2,153)
- California has the highest number of insect species of any state with over 30,000 species representing 30% of all species in the US and Canada
- California has the highest number of endemic mammals of any state (17, Alaska is 2nd with 7)





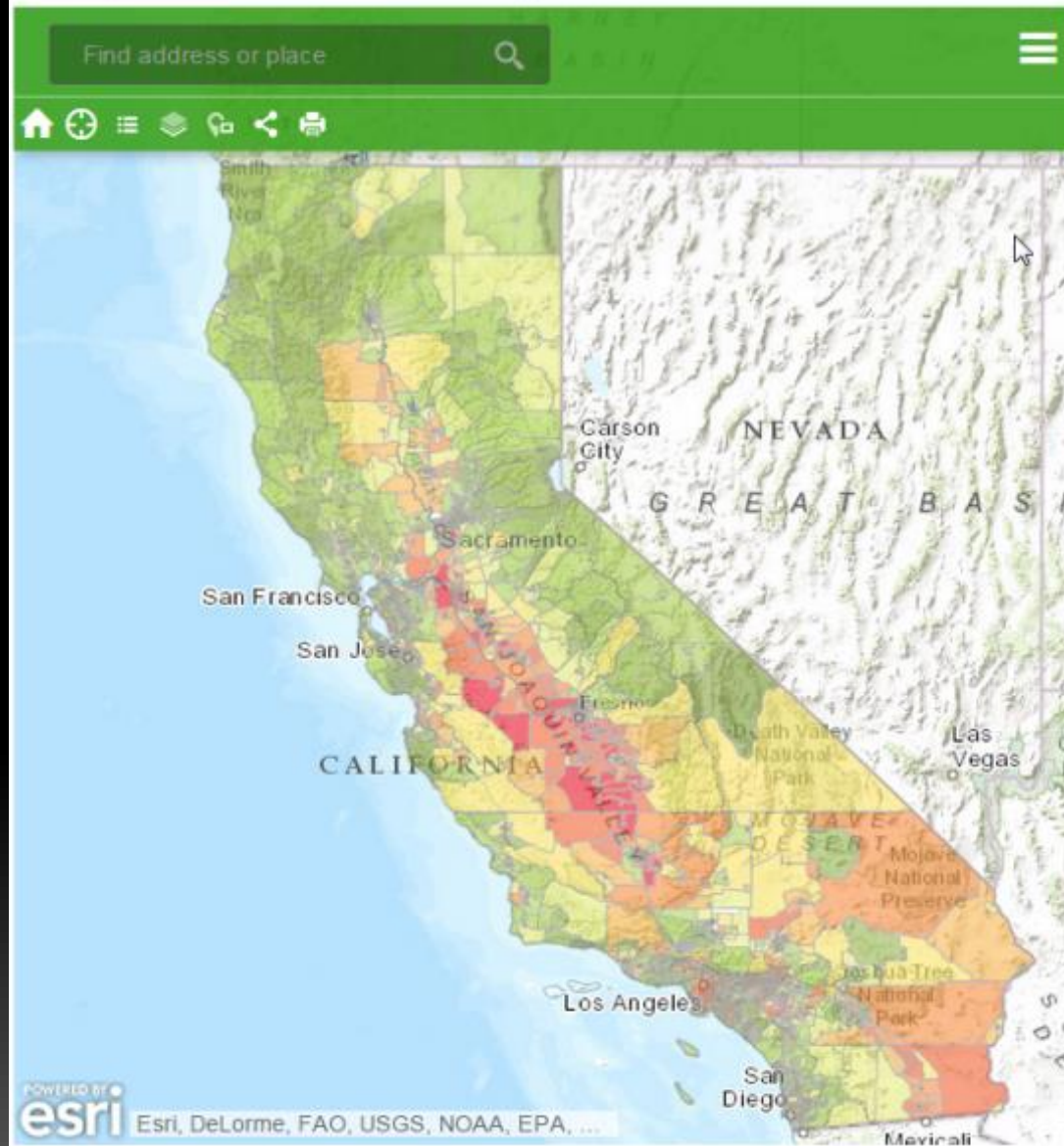
CALIFORNIA IS A SPECIAL PLACE

- 95% of Californians live in urban areas
- 7/10 of the most densely populated areas in the US are in California:
 1. LA/Long Beach Anaheim 7,000/mi²
 2. SF/Oakland 6,266/mi²
 3. San Jose, CA 5,820/mi²
 4. Delano, CA 5,483/mi²
 5. New York/Newark 5,319/mi²
- *The Census Bureau's urban areas represent densely developed territory and encompass residential, commercial, and other nonresidential urban land uses. The Census Bureau identifies two types of urban areas: "urbanized areas" of 50,000 or more people and "urban clusters" of at least 2,500 and less than 50,000 people. "Rural" encompasses all population, housing and territory not included within an urban area.*



CalEnviroScreen Version 2.0

CalEnviroScreen 2.0 is a screening methodology that can be used to help identify California communities that are disproportionately burdened by multiple sources of pollution. It is an important tool in meeting CalEPA's commitment to environmental justice for all.



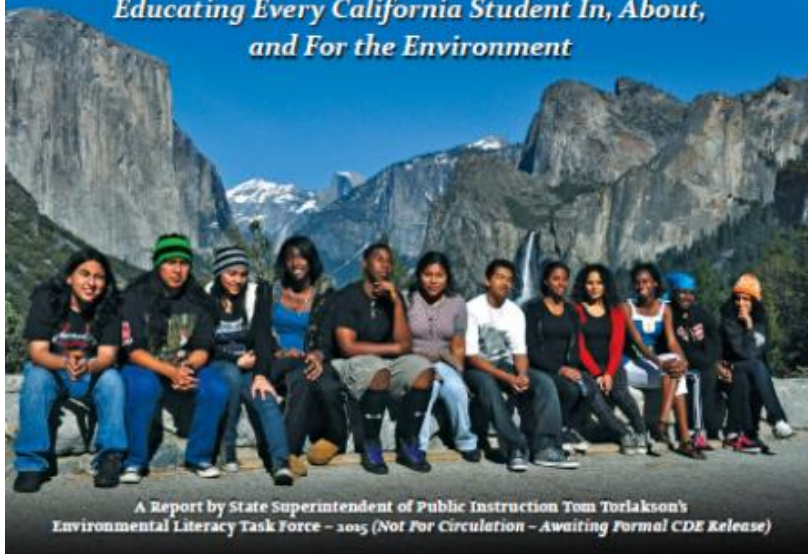
Why do we need a Blueprint?

- 89% of Californian's want EE in K-12 education
- Only 13% of California schools report integrated EE
- 77% of CA schools spend less than \$5,000/yr on EE
- Less than 10% of CA 4th-6th grades participate in ROSS
- We face real (and solvable) environmental challenges
- We need to develop environmental know-how

A Blueprint For Environmental Literacy



*Educating Every California Student In, About,
and For the Environment*



A Report by State Superintendent of Public Instruction Tom Torlakson's
Environmental Literacy Task Force - 2015 (Not For Circulation - Awaiting Formal CDE Release)

Six Guiding Principles

- Equity of Access
- System Scalability & Sustainability
- Collaborative Solutions
- Commitment to Quality
- Cultural Relevance & Competence
- Variety of Learning Experiences

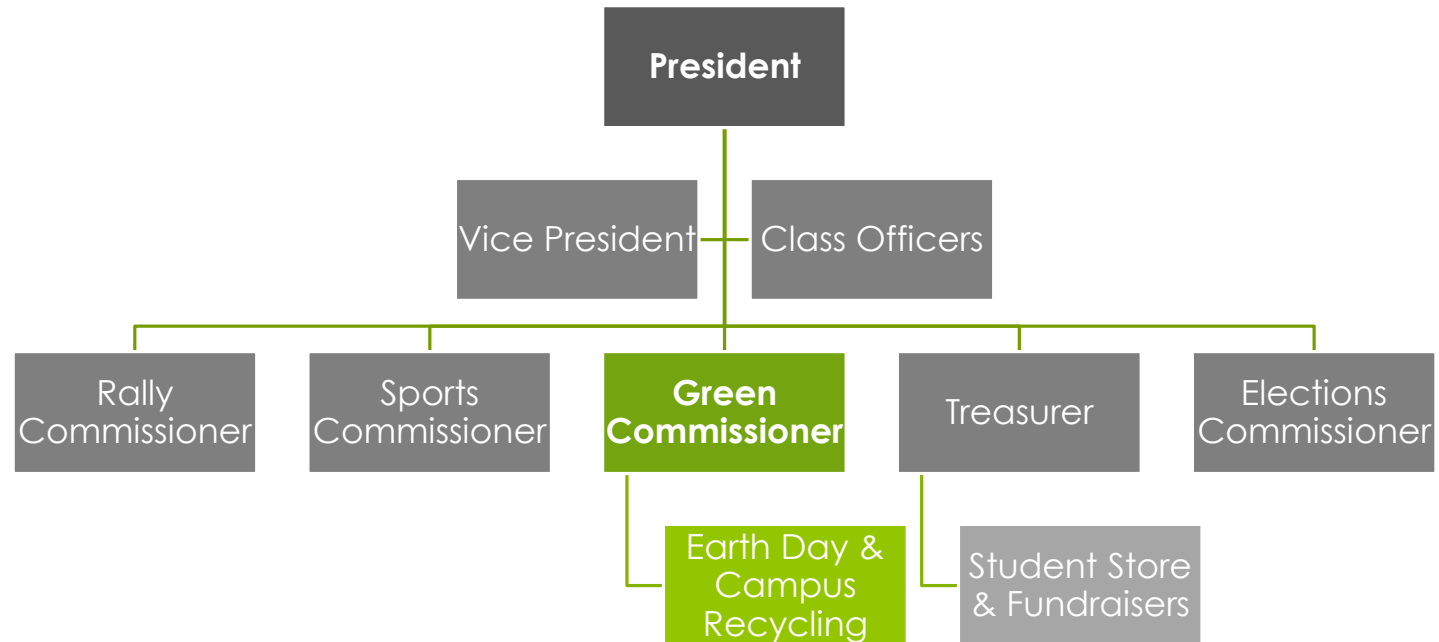
Waste Reduction Principles

- Reduce
- Reuse
- Recycle
- Rot

Green Teams

School Site	District Office
Student Leaders	Superintendent
Teacher Representatives	HR
Administrators	Purchasing
Custodians	Maintenance/Operations
Kitchen Manager	Curriculum/Instruction
Parents	Buildings & Grounds

Student Leadership



Green Leadership



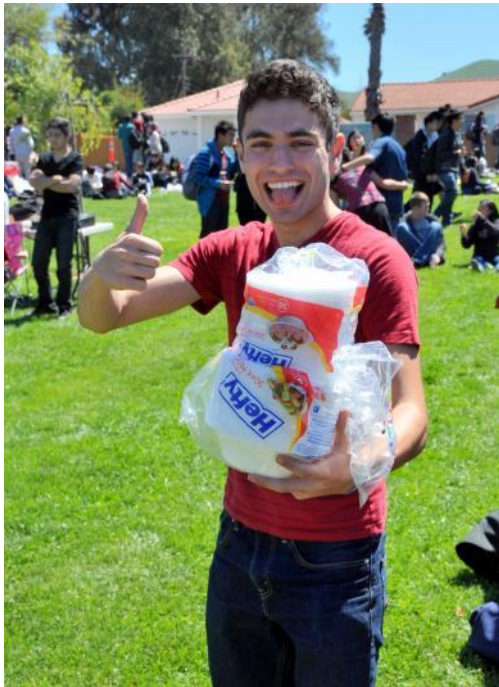
Campus Recycling



Earth Day



Large Events



Green Prom



Party Kits



Green Activities



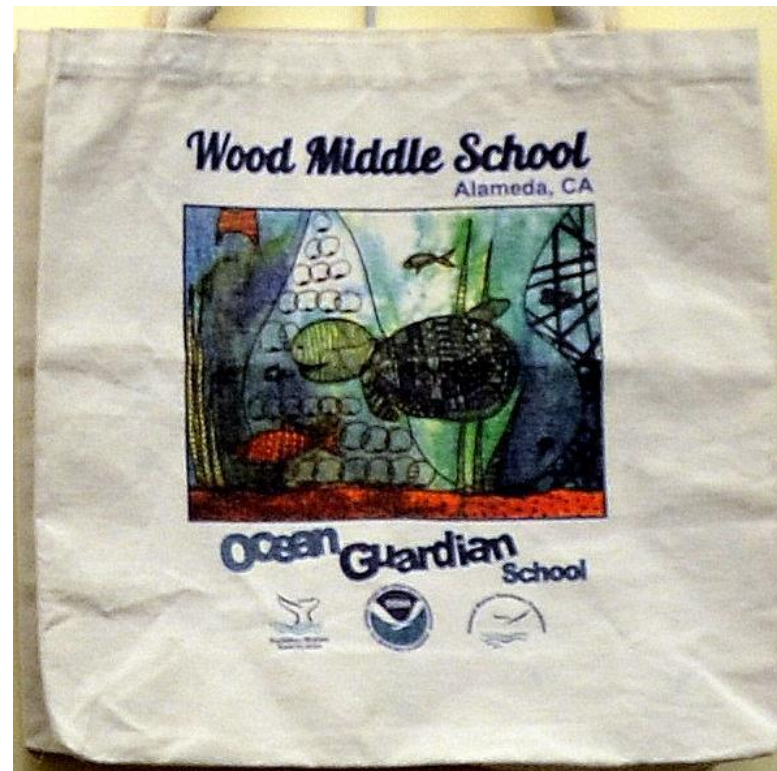
Spirit Week Courtyards



Fundraisers



Fundraisers

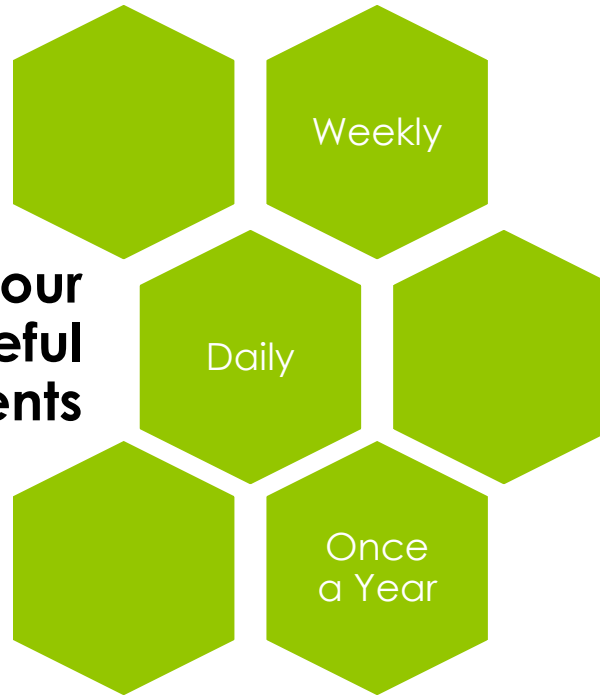


Fundraisers



Brainstorm

**Greening Your
Most Wasteful
Events**



Laura Castro: lcastro@pleasantonusd.net | Nate Ivy: nivy@acoe.org