

# Sustainability Initiatives

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EVERY STUDENT MATTERS, EVERY MOMENT COUNTS



# Purpose of Presentation

- ▶ Discuss potential sustainability initiatives
  - ▶ Electric Vehicle (EV) School Buses
  - ▶ Electric Vehicle and Bus Charging
  - ▶ Sustainable Outdoor Learning Environments (SOLE)
  - ▶ Solar Shade Structures



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# District Goal Alignment

## ► Strategic Goal 4.3

- Invest in school facilities and infrastructure for safe and clean facilities



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# Electric Buses & Charging Infrastructure

- ▶ Approved for 30 Hybrid Vehicle Incentive Project (HVIP) Vouchers
  - ▶ \$198,000 each - about ½ of cost
- ▶ 30+ charging stations
- ▶ Full compliance with California Zero Emission Requirements by 2024 for new buses
  - ▶ Existing fleet is ok until 2045
- ▶ Reduce annual diesel fuel cost
- ▶ One for one removal of diesel fleet



# Solar Shade Structures

- ▶ Reduce electrical demand
- ▶ Provide shade for buses
- ▶ Reduce CO<sub>2</sub> Emissions



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# Sustainable Outdoor Learning Environment (SOLE)

- ▶ First of the kind outdoor learning space
- ▶ Enhances **STEM/STEAM** education
- ▶ **Four** Elementary School sites
  - ▶ Tuolumne (2), Beard, Fremont, Orville Wright
- ▶ **One** Junior High School site
  - ▶ Roosevelt
- ▶ **One** High School site
  - ▶ Beyer



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# Next Steps

- ▶ Calculate **Guaranteed Energy Savings**
  - ▶ To comply with Government Code 4217
- ▶ Determine **appropriate** funding source
  - ▶ ESSER Funding
  - ▶ Supplemental & Concentration Carryover
  - ▶ Rebates and Incentives
- ▶ Bring a plan back to the Board for approval with **project scope and funding sources**



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# Questions



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