



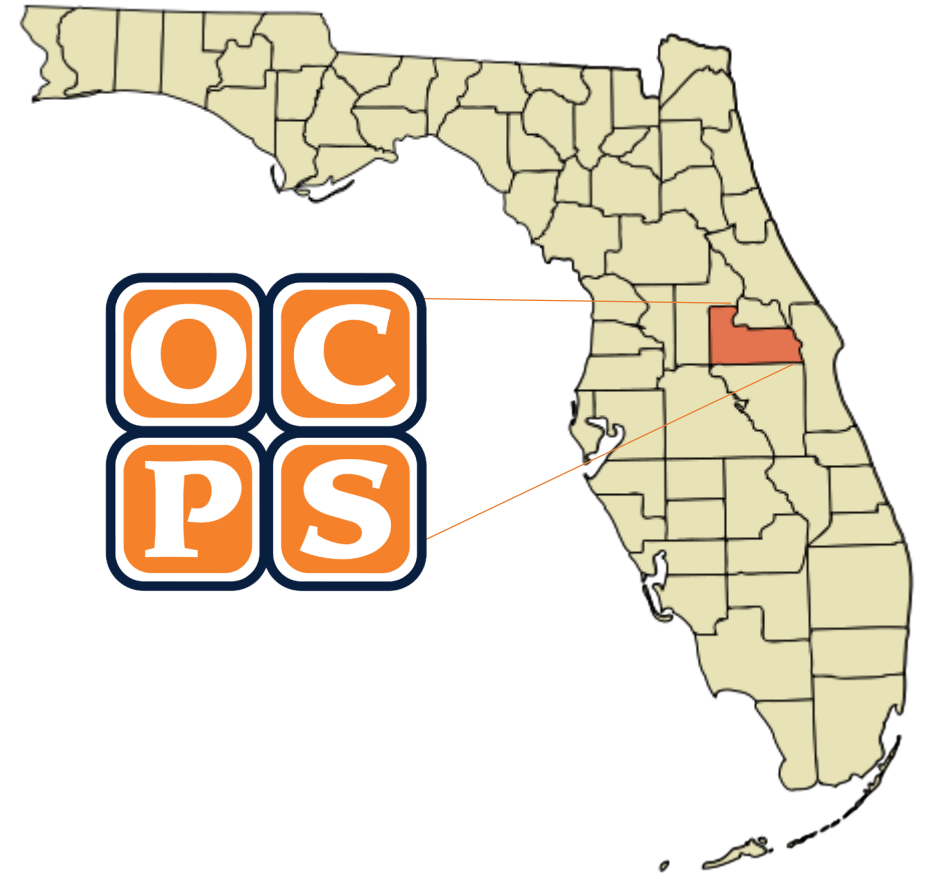
# Energizing the OCPS Community

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*April, 2024*

# Who is Orange County Public Schools?

- 8<sup>th</sup> Largest in U.S.
- 4<sup>th</sup> Largest in Florida
- 210 Schools
- 207,993 Students
  - 199 countries & 174 languages
- 24,685 Staff



# Energy CLASS Prize Training

- Sustainability Office – Energy Team
  - Sustainability Manager (1)
  - Energy Advisors (4)
    - One Energy Advisor hired through the Energy CLASS Prize funding
- Training & Coaching Outcomes
  - Added Facilities Maintenance to training sessions
  - Environmental Compliance Office staff training using Indoor Air Quality presentations
  - Coaching – Identified methodology to calculate district savings
  - Coaching – Existing ice thermal storage analysis and troubleshooting for efficiency improvements



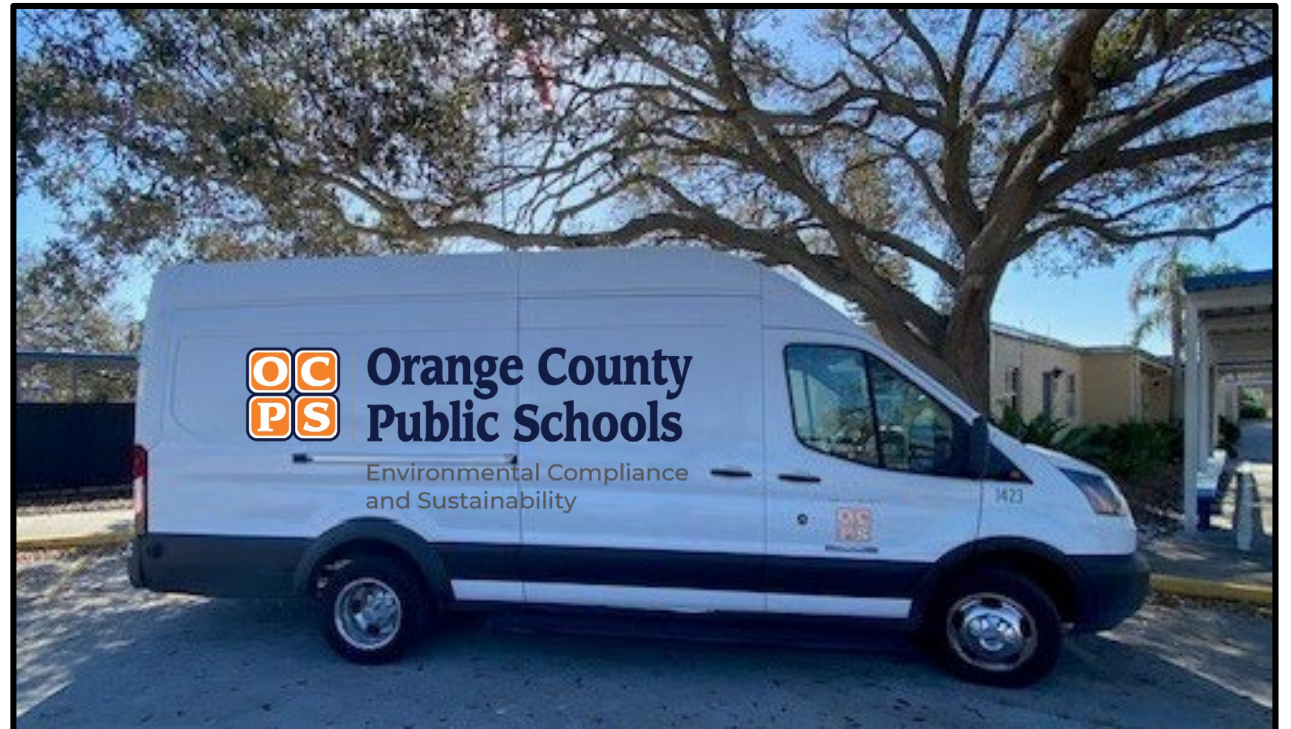
# Phase I Results

- Progress Made
  - Hired staff
  - Curriculum integration
    - Utility dashboards
    - Hands-on educational electrical meter equipment
  - Energy Assessments Done
    - 19 Title I schools assessed
    - 527 utility bills concerns addressed
    - 75 school site visits
    - 39,245 events scheduled
    - 300 punch list items identified for \$20,000 cost savings



# Phase II Plan

- Sustainability & Environmental Education In-Action Electric Van
  - In-school field trips
    - Energy conservation
    - Water conservation
    - Solar energy
    - Recycling
    - Gardening
    - Indoor health



# Building the Next Generation of Sustainable Leaders

- The purpose of Title I is to provide additional instructional staff, professional development, extended learning programs, and other strategies for raising student achievement in high-poverty schools.
- The OCPS Phase I submission title was Energizing the OCPS Community
  - “Striving to inspire action among staff and students to improve the environment, reduce district costs, and make a positive social impact.”
- Increasing the number of sustainability learning programs across the district will increase student achievement and provide professional development to staff



# Impacts



- Summary of CLASS Prize Phase I Impacts

- Estimated annual cost savings of \$445,221 from 14 Title I schools

- Bonneville Elementary
- Castle Creek Elementary
- Citrus Elementary
- Hungerford Elementary
- Lake Gem Elementary
- Orlo Vista Elementary
- Ridgewood Park Elementary
- Rock Lake Elementary
- Sally Ride Elementary
- Union Park Elementary
- Union Park Middle
- William Frangus Elementary
- William Maxey Elementary
- Walker Middle

# Impacts



- Summary of CLASS Prize Phase I Impacts
  - Four (4) U.S. EPA Energy Star Certified Title I schools
  - New Energy Advisor position
- Anticipated Phase II Impacts
  - Sustainability & Environmental Education In-Action van for in-school field trips
  - Curriculum integration and increased student achievement through hands-on learning





# Next Steps

- Work with the Foundation for OCPS to raise remaining funds to purchase electric van and install charging infrastructure
- Coordinate with local utility for EV charging infrastructure
- Develop integrated curriculum for Sustainability & Environmental Education In-Action van
- Develop a platform for teachers to request van and in-school field trips



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