WHAT HAVE WE BEEN DOING?
ENERGY UPGRADES

- In 2016 Orange Unified was approved for over $7 million in funding via California’s Clean Energy Jobs Act (Proposition 39). OUSD also received over $50,000 in incentives and rebates from local utility agencies. Energy service companies Ameresco and Opterra were chosen to complete design/build energy efficiency projects which including the following:

  - HVAC Upgrades
  - Exterior Lighting Upgrades to LED
  - Interior Lighting Upgrades to LED and New Lighting Controls
  - New VFDs (Variable Frequency Drive) for High School Pool Pumps
  - New Pool Boilers for High Schools
EXTERIOR LIGHTING (LED)

📅 2016-17: All exterior light fixtures were replaced with new LED fixtures at the following 13 sites:

- California Elementary
- Cambridge Elementary
- Cerro Villa Middle School
- Chapman Hills Elementary
- Fletcher Elementary
- Linda Vista Elementary
- McPherson Magnet School
- Nohl Canyon Elementary
- Olive Elementary
- Panorama Elementary
- Richland High School
- Taft Elementary
- West Orange Elementary
INTERIOR LIGHTING (LED)

2016-17: All interior light fixtures were upgraded with new LED bulbs at the following 13 sites:

- California Elementary
- Cambridge Elementary
- Cerro Villa Middle School
- Chapman Hills Elementary
- Fletcher Elementary
- Fairhaven Elementary
- Linda Vista Elementary
- McPherson Magnet School
- Nohl Canyon Elementary
- Olive Elementary
- Panorama Elementary
- Richland High School
- West Orange Elementary
HVAC UPGRADES

- **2016-17**: Complete HVAC systems were upgraded in permanent buildings at the following sites:
  - Canyon Rim Elementary
  - Chapman Hills Elementary
  - Linda Vista Elementary
  - Taft Elementary
  - Panorama Elementary
  - West Orange Elementary
OTHER UPGRADES

- **2017**: New Variable Frequency Drives for pool pumps at all four comprehensive high schools
- **2017**: New Pool Boilers installed at Orange and Villa Park and High Schools
WHAT ARE WE CONTINUING TO DO?

Deferred Maintenance: SUMMER PROJECTS 2018
BACKGROUND

At the December 11, 2014 meeting, the Board of Education increased maintenance funding for much needed repairs. In the last three years, the District has completed hundreds of projects in an effort to provide students with facilities in good or excellent standing.
PROPOSED MAINTENANCE PROJECTS

The recommended projects:

- Have been selected based on a current condition assessment of school facilities and revamped building inventories
- Are in addition to ongoing projects related to the routine maintenance of school buildings
NEEDS ASSESSMENT
YEAR 2: FOCUS ON THE CLASSROOM

CLASSROOM NEEDS:

- Flooring
- Paint
- Bell Systems
NEW FLOORING

2-YEAR PLAN: All Classrooms and Offices

PHASE II: 23 Sites Involved

- Anaheim Hills ES
- California ES
- Cambridge ES
- Canyon HS
- Canyon Rim ES
- Cerro Villa MS
- Crescent ES
- Fairhaven ES
- La Veta ES
- Linda Vista ES
- McPherson Magnet
- Nohl Canyon ES
- Olive ES
- Orange Pre-K
- Palmyra ES
- Panorama ES
- Parkside/ROP
- Richland HS
- Running Springs ES
- Serrano ES
- Taft ES
- Villa Park ES
- West Orange ES
INTERIOR PAINTING

- **2-YEAR PLAN:** All Classrooms and Offices Re-Painted

- **PHASE II:** 23 Sites Involved

  - Anaheim Hills ES
  - California ES
  - Cambridge ES
  - Canyon Rim ES
  - Cerro Villa MS
  - Crescent ES
  - Fairhaven ES
  - Handy ES
  - La Veta ES
  - Linda Vista ES
  - McPherson Magnet
  - Nohl Canyon ES
  - Olive ES
  - Orange Pre-K
  - Palmyra ES
  - Panorama ES
  - Parkside/ROP
  - Richland HS
  - Running Springs ES
  - Serrano ES
  - Taft ES
  - Villa Park ES
  - West Orange ES
Working collaboratively with Technology Services

The following sites will receive new bell/paging systems:

- Cambridge ES
- Cerro Villa MS
- Crescent ES
- Fairhaven ES
- Fletcher ES
- Handy ES
- Imperial ES
- Linda Vista ES
- McPherson
- Serrano ES
FIELD IMPROVEMENTS

- Crescent ES
- Nohl Canyon ES

EXTERIOR PAINT

- Esplanade ES
- Jordan ES
- McPherson Magnet
- Parkside/ROP/Childcare
NEW ASPHALT/CONCRETE

- Panorama ES- Expanded Staff Lot
- Cambridge ES- Remove Planter and Repave

ASPHALT RE-COATING

- Anaheim Hills ES- Back Playground
- Chapman Hills- All Lots
RESTROOM RENOVATIONS

- La Veta Elementary

ROOFING

- Fletcher ES- HVAC pits

PLUMBING

- DRAINAGE REPAIRS- Various Sites
## DEFERRED MAINTENANCE
### PROJECT SUMMARY

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<th>IMPROVEMENT</th>
<th>BUDGET</th>
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NEXT STEPS

- Project Approval
  January 18, 2018

- Public Bidding and Agency Approvals
  On-going

- Board update on Maintenance Projects
  September 2018
THANK YOU