

Facilities Update

Hillsborough City School District

November 9, 2021

Presented By:

Larry Raffo and Mike Wassermann

Agenda

- ▶ AB 841 – Classroom Ventilation Project Update
 - ❖ Informational Only
- ▶ Cooling Pilot Project Updates
 - ❖ Informational Only
- ▶ Remaining Measure B Bond Projects and Recommendations
 - ❖ **ACTION item: *It is recommended the Board approve the final Measure B Bond Projects.***

AB 841–Classroom Ventilation Project

Project Status Update

- ▶ District completed all repairs.
- ▶ *Service Unlimited* completed all repairs.
- ▶ *Eichler* is finalizing their final report.
- ▶ All classrooms have been upgraded to meet or exceed current code ventilation requirements for the occupant loads.
- ▶ California Schools Healthy Air, Plumbing and Energy (CalSHAPE) Ventilation Program funding applications are currently only available for disadvantaged School Districts.

Cooling Pilot Project

Original Pilot Project Fall of 2019

- ▶ BAF Fans installed in 4 classrooms on all campuses.
- ▶ Installation of fans varied in size, features, and quantities.
- ▶ Evaluation of effectiveness affected by COVID
 - Initial responses all favorable.

Cooling Pilot Project

Second Pilot Project Fall of 2021

- ▶ BAF released new UV-C fan option that cleans the air using ultraviolet light technology.
- ▶ BAF UV-C Fans installed in 4 classrooms on all campuses.
- ▶ Installed fans were standardized to have two per classroom to increase effectiveness of the UV-C.

Cooling Pilot Project

Evaluation of Effectiveness of Fans

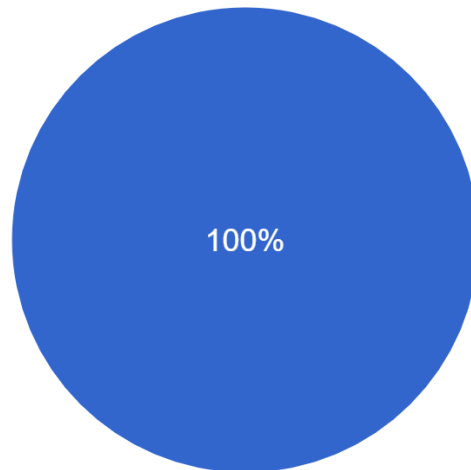
- ▶ Rubrics and Questionnaires issued to teachers.
- ▶ Results that follow combine Phases 1 and 2.

Cooling Pilot Project

Survey Results

The fan(s) are placed in the correct location

27 responses

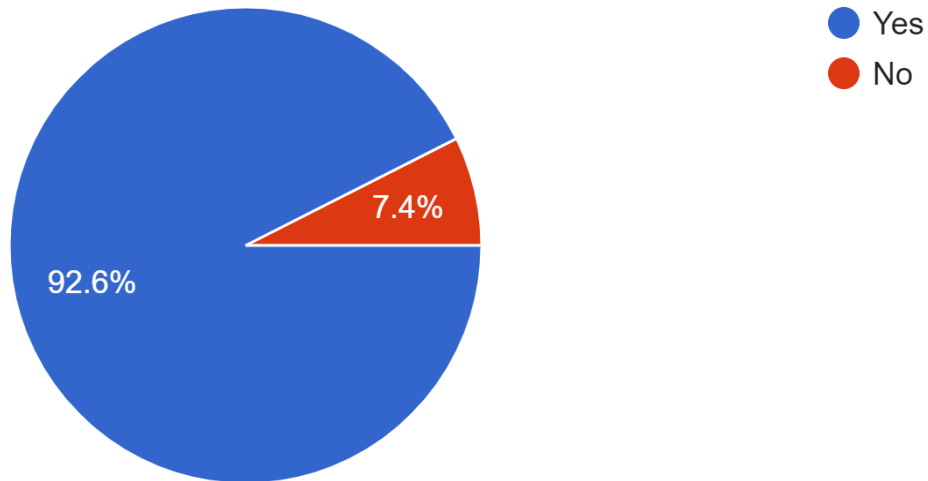


Cooling Pilot Project

Survey Results

When the fan(s) are on, they are effective throughout the classroom

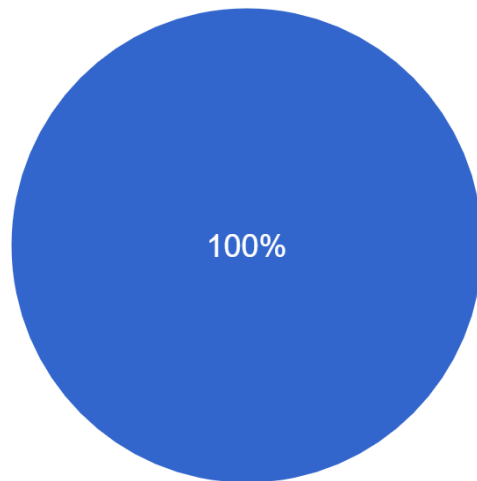
27 responses



Cooling Pilot Project

Survey Results

The fan(s) are easy to use
27 responses

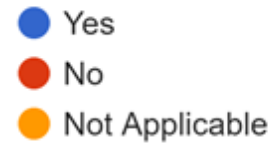
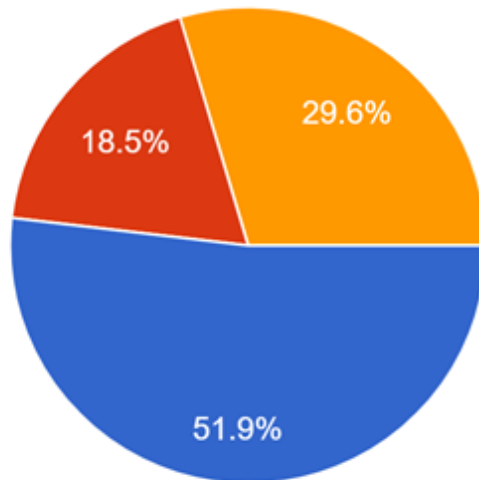


● Yes
● No

Cooling Pilot Project

Survey Results

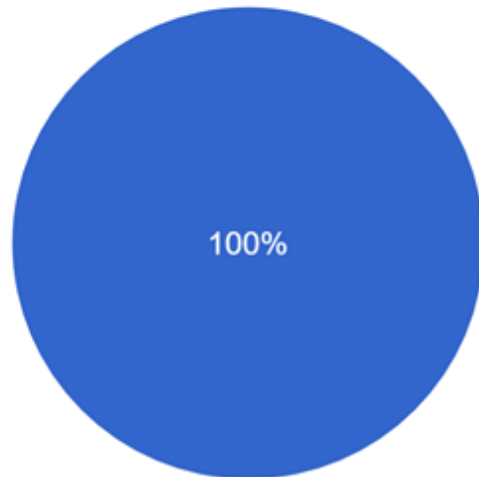
The light on the fan(s) provides additional benefit.
27 responses



Cooling Pilot Project

Survey Results

The fan(s) will improve the students' learning environment
27 responses

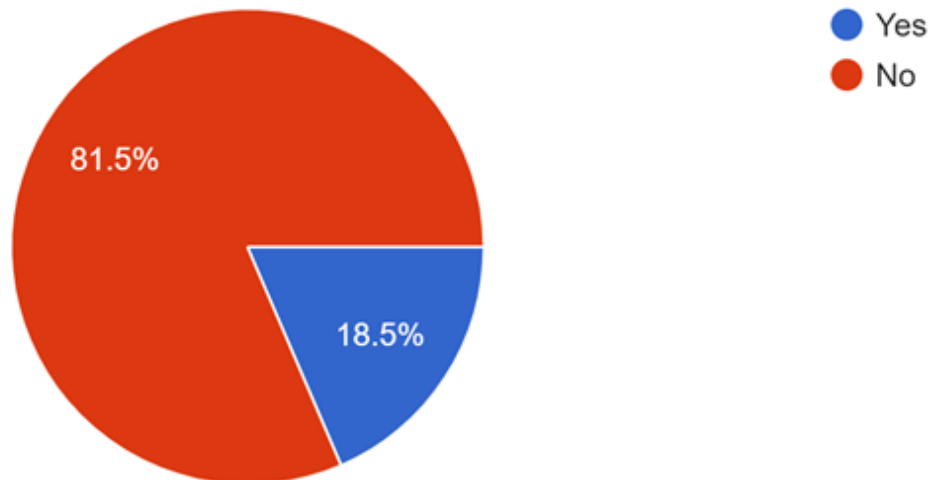


● Yes
● No

Cooling Pilot Project

Survey Results

The fan(s) might distract from the students' learning environment.
27 responses

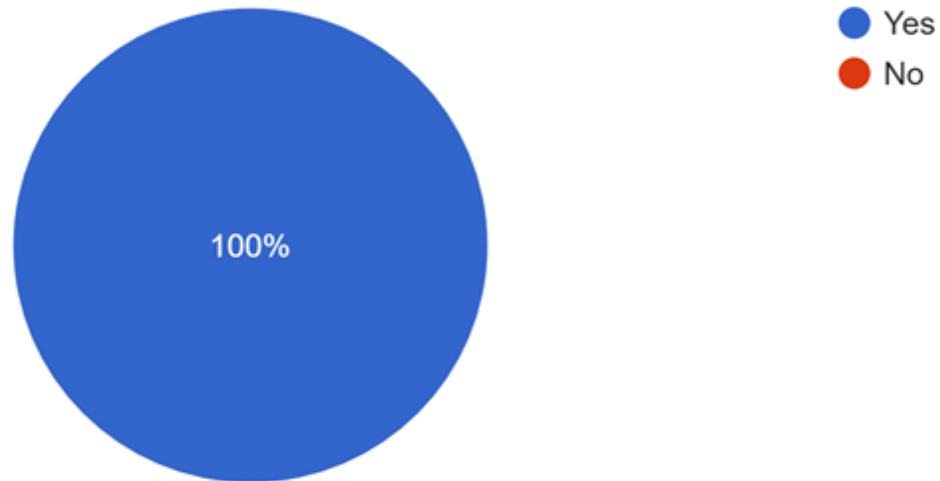


Cooling Pilot Project

Survey Results

The fan(s) have improved the overall ventilation in the classroom.

27 responses



Cooling Pilot Project

Summary of Fan Survey Results

- ▶ Effective throughout the classrooms
- ▶ Effective in increasing air circulation
- ▶ Improve the student learning environment
- ▶ Does not distract students
- ▶ Easy to use

Cooling Pilot Project

Procurement Limits for School Districts

- ▶ Purchasing Fans is considered equipment.
 - ❖ Current procurement threshold is \$96,700.
- ▶ Installation of Fans is considered construction.
 - ❖ CUPCCAA limit is \$60,000.

Cooling Pilot Project

Proposed Ceiling Fan Budget:

Purchase Fans for 23 Classrooms	\$ 95,000
Contractor Installation	\$ 33,000
Management Fee	\$ 8,000
5% Contingency	\$ 13,000
Total	\$ 149,000

Final Measure B Bond Projects

Recommended Final Bond Projects:

- ▶ Purchase and install fans for 23 classrooms (\$149k)
- ▶ Replace Crocker storm drain line at gym (\$50k)
- ▶ Repair asphalt paving at North (\$45k)
- ▶ Seal rubberized surfacing at North, South and West playgrounds (\$30k)
- ▶ Repair asphalt paving at Crocker (\$32k)
- ▶ Purchase LED lamps (\$10k)
- ▶ **ACTION item: *It is recommended the Board approve the final Measure B Bond Projects.***

Remaining Measure B Bond Funds

Remaining Measure B Bond Funds	\$ 316,000
Purchase and Install Fans	\$ 149,000
Crocker Storm Drain Repair	\$ 50,000
North Asphalt Repair	\$ 45,000
North, South, & West Rubber Surfacing	\$ 30,000
Crocker Asphalt Repair	\$ 32,000
LED Lamps for all Sites	\$ 10,000
Remaining Budget	\$0

Cooling Pilot Project

Next Steps

- ▶ Board to authorize expenditures
- ▶ Order Fans
- ▶ Contract with Installer
- ▶ Coordinate which rooms will get the fans
- ▶ Coordinate installation schedule
- ▶ Contract with various vendors for the remaining projects

