



**SUN VALLEY
COMMUNITY
SCHOOL**
FROM HERE...ANYWHERE



Summary:

Already a model for sustainability, but seeking to further its sustainability vision, the Sun Valley Community School (SVCS) set the ambitious student-led goal of carbon neutrality by 2025. Through a carbon footprint study, students found that the three main sources of the school's greenhouse gas emissions were transportation, electricity and heat. Students identified that more research was needed regarding energy consumption at the School, as well as more education on the importance of saving energy.



Warm Springs Consulting supported the school in 2020 by facilitating a school-wide Energy Treasure Hunt. The two-day energy audit and energy savings analysis engaged the following teams of students, teachers, facility managers with an expert energy auditor:

1. Energy Efficiency Team
2. HVAC and Equipment Team
3. Water Team
4. Lighting & Solar Team

Teams toured all of the school's facilities, took photos and measurements, and documented equipment, specifications, and observations. Students were then supported by experts to run calculations and develop reports. Students culminated the project with a presentation to leadership showing the process of the Energy Treasure Hunt and findings.

The Treasure Hunt gave SVCS a clear roadmap of projects to implement immediately and in the short, medium and long-term to continue on their mission toward carbon neutrality.

HVAC Proposal 2 - Science and Sustainability Building Fan

TEMPERATURE TRAVELS UPWARDS!

BUILDING DATA:
TEMPERATURE IN THE UPPER HALF:
TEMPERATURE IN THE LOWER HALF:

PROPOSAL:
INSTALL 1 PROP STYLE CEILING FAN

SAVINGS: \$ 139 /SCHOOL YEAR

