

The Clark County School District (CCSD) has developed a plan for the use of funds obtained for violations of air quality regulations, as outlined in NRS 445B.500. The plan will assist with ensuring that classroom instruction regarding air quality and related topics are aligned with Nevada Academic Content Standards for Science (NVACSS) as well as CCSD grade-level curricula. The target standards related to ideas regarding Human Impacts on Earth Systems and Global Climate Change are indicated in the disciplinary core ideas of both the Earth and Space Science domain and the Engineering, Technology, and Application of Science domain of the NVACSS. As stated within the standards documents, “Air and water pollution caused by human activities affect the condition of the atmosphere and rivers and lakes, with damaging effects on other species and human health.” A partnership with the University of Nevada, Las Vegas (UNLV) and the Clark County Department of Environment and Sustainability (CCDES) focusing on a pollen-monitoring program with educational components has been implemented. In addition, the plan will have a positive impact on student achievement and parent/student engagement in the community by supporting the annual Las Vegas Science and Technology Festival. This CCSD Annual Spending Plan will enhance CCSD science curricula; by continuing the support of teachers implementing ambitious NVACSS-designed instructional practices, such as the Science Instructional Routines as outlined in OpenSciEd and Amplify Science instructional materials; and engage the community while utilizing the funds as original intended. Finally, approval of this plan will allow CCSD operations to implement targeted, sustainability-focused, energy efficiency upgrade initiatives that will provide local and regional air quality improvements.

Funds will be used to:

- Support the pollen-monitoring project in partnership with the UNLV and the CCDES.
- Support the annual Las Vegas Science and Technology Festival Community Event. The Science Festival provides a unique way to involve the local community in opportunities to engage in STEM field literacy and understand air quality and the Air Quality Index (AQI) impact on our community.
- Provide CCSD educators with science and STEM curriculum-based professional learning based on the approved science instructional materials.
- Purchase classroom teacher supplies and supply kits to support science and STEM teachers with the use of approved instructional materials aligned to the NVACS for Science and/or Mathematics to support: 1. Problem-Based Learning instruction, 2. Science Instructional Routines and Motivational Design Principles embedded within OpenSciEd and Amplify Science, and 3. extensions of approved materials related to topics connected to clean air, ozone awareness, particulate matter, and health and safety issues related to air quality in Clark County.
- Travel to support the Governor’s Designated STEM Schools.
- Launch a District-wide automated energy management system project using smart thermostats through NV Energy. This initiative will optimize HVAC performance, lower energy costs, and promote healthier learning environments. Funding will support the launch of a District-wide HVAC System and Indoor Air Quality (IAQ) Sensors Program, which will automate HVAC controls, enable remote scheduling, and provide data analytics to improve system efficiency, detect issues, and inform maintenance and budgeting—all with minimal impact on school staff.

Clark County School District
Curriculum and Instruction Division
Annual Spending Plan

2025-
2026

- Pilot air purification systems in classrooms to improve indoor air quality by continuously filtering and circulating clean air throughout the school day. These systems help reduce the spread of airborne infectious aerosols, minimize the risk of virus particles settling on desks and other surfaces, and remove harmful particulate matter such as dust, pollen, and pollutants that can trigger asthma attacks and other respiratory issues. By maintaining cleaner air in classrooms, these systems support a healthier learning environment, reduce absenteeism, and promote overall student and staff well-being.

BUDGET for 2025–2026*	
Support - Overtime	5,000.00
Extra Duty Licensed for Teachers to Attend Sessions (\$50/hr)	327,450.00
Teacher Substitute	5,000.00
Fringe (2.5% of Extra Duty)	8,186.25
Pollen Monitoring	199,274.17
Education Services/LVSTF	90,000.00
Printing	2,500.00
Travel	5,000.00
Technology Supplies	1,500.00
Dues and Fees	2,500.00
General and Instructional Supplies (Classroom Teacher Supplies)	121,181.40
Air Quality Improvement Projects including, but not limited to, the installation of IAQ continuous monitoring sensors in classrooms.	500,884.00
Total*	\$1,268,475.82

*Additional notes regarding the allocations are found on Appendix A

Budget Description

Support Staff Overtime/Custodial

- Required custodial staff, technicians, and site support necessary when conducting professional learning sessions on Saturdays or after scheduled workdays

Licensed Extra-duty (\$50.00/hr)

- Pay CCSD science/STEM teachers at the negotiated agreement extra duty rate for attending curriculum-based professional learning, within and extending from the approved science instructional materials, held outside of contract hours
- Pay for teachers to write, develop, and/or review science/STEM curriculum, resources, and lessons for use in the CCSD at curriculum-based professional learning sessions to support classroom instruction for all students
- Pay for teachers to develop resources, utilizing data from primary sources such as the CCDES air quality monitoring website, and resources to address topics including clean air, ozone awareness, health and safety issues related to air quality, and systems thinking, that are used as extensions of the approved science instructional materials

Note: This line may increase or decrease based on progress and funding demands among Licensed Extra Duty, General and Instructional Supplies (Classroom Teacher Supplies), Automated Energy Management and Air Purification Pilot Program Implementation.

Substitutes

- Funds to cover the cost of substitute teachers when classroom teachers attend professional learning or meetings during the contracted day
- Funds to cover the cost of substitutes who attend professional learning sessions during long-term teaching assignments in science disciplines

Fringe

- Required to pay for benefits as part of paying support staff and licensed extra-duty pay

Pollen Monitoring

- Funds to support the ongoing UNLV pollen monitoring project
- UNLV maintains an “open purchase order” with the CCSD and submits invoices for payment

Note: Funds left on the open purchase order are carried over to the next fiscal year

Education Services/LVSTF

- Support funds for the annual Las Vegas Science and Technology Festival

Printing

- Printing costs for curriculum-based professional learning sessions and curriculum development

Travel Out of District

- Support for the Governor’s Designated STEM Schools

Note: This line may increase or decrease based on progress and funding demands among Licensed Extra Duty, General and Instructional Supplies (Classroom Teacher Supplies), Automated Energy Management and Air Purification Pilot Program Implementation.

Technology Supplies/Items of Value Technology

- Technology used to support professional learning includes copy machines, speakers, projectors, HDMI connectors, etc.

Dues & Fees

- Memberships for professional organizations related to science, STEM, and STEM education, such as NSTA, NSELA, NCTM, NCSM, and ISTE, for resources and research publications.

General and Instructional Supplies (Classroom Teacher Supplies)

- General materials and supplies needed to conduct curriculum-based professional learning sessions and curriculum development
- Purchase classroom teacher supplies and supply kits to support science and STEM teachers with the use of approved instructional materials aligned to the NVACS for Science and/or Mathematics, such as: 1. Problem-Based Learning instructional supplies, 2. supplies and supply kits for OpenSciEd and Amplify Science to support the enacting of the Science Instructional

Routines and Motivational Design Principles, and 3. supplies to implement extensions of approved materials related to topics connected to clean air, ozone awareness, particulate matter, and health and safety issues related to air quality in Clark County

Note: This line may increase or decrease based on progress and funding demands among Licensed Extra Duty, General and Instructional Supplies (Classroom Teacher Supplies), Automated Energy Management and Air Purification Pilot Program Implementation.

Projects with Clark County School District

The CCSD, in partnership with CCDES, has implemented projects to improve air quality and energy efficiency across District facilities. Past efforts have included HVAC controls and lighting upgrades that enhance indoor environments while reducing energy use.

For FY26, CCSD is prioritizing two key initiatives to further support healthier, more energy-efficient schools:

- **Automated Energy Management:** CCSD will automate energy management systems using smart thermostats through NV Energy. This initiative will optimize HVAC performance, lower energy costs, and promote healthier learning environments. Funding will support the launch of a District-wide HVAC System and IAQ Sensors Program, which will automate HVAC controls, enable remote scheduling, and provide data analytics to improve system efficiency, detect issues, and inform maintenance and budgeting—all with minimal impact on school staff.
- **Air Purification Pilot Program:** CCSD will pilot air purification systems in classrooms to continuously filter and circulate clean air throughout the school day. These systems reduce the spread of airborne infectious aerosols, prevent virus particles from settling on surfaces, and remove harmful particulate matter such as dust, pollen, and pollutants. By maintaining cleaner air, the systems support a healthier learning environment, reduce absenteeism, and promote overall student and staff well-being.

Budgets and Expenses

The summary below delineates the line item budgets for fiscal year 2025, including allocations, expenses, and a summary of achievements. Additionally, the budgeted amounts for fiscal year 2026 are referenced.

- Improving Energy Efficiency & IAQ in Portable Classrooms
 - FY 2025 allocation: \$250,883.92
 - Expensed in FY 2025: \$187,482.00
- Completion of Portable Classroom IAQ and Energy Efficiency Pilot Project - Upgrade 200 portable classroom thermostats.
 - FY 2025 allocation: \$250,000.00
 - Expensed in FY 2025: \$261,352.00
- Automated Energy Management
 - Budgeted in FY 2026: \$200,000.00
 - This line may increase or decrease based on progress and funding demands among Licensed Extra Duty, Instructional Supplies, Portable Classroom IAQ Monitoring, and Energy and IAQ Program Implementation.
- Air Purification Pilot Program
 - Budgeted in FY 2026: \$300,884.00
 - This line may increase or decrease based on progress and funding demands among Licensed Extra Duty, Instructional Supplies, Portable Classroom IAQ Monitoring, and Energy and IAQ Program Implementation.

APPENDIX A

BUDGET Planning for 2025-2026	Amount	Notes
Support - Overtime	\$5,000.00	
Extra Duty Licensed (\$50/hr)	\$327,450.00	Continued focus on HS and MS Professional Learning to include STEM Problem-Based Learning, Science Instructional Routines, and STEM activities related to air quality and air quality issues - Note: This line may increase or decrease based on progress and funding demands among Licensed Extra Duty, General and Instructional Supplies (Classroom Teacher Supplies), Automated Energy Management and Air Purification Pilot Program Implementation.
Teacher Substitute	\$5,000.00	
Fringe (2.5% of Extra Duty)	\$8,186.25	
Pollen Monitoring	\$199,274.17	Includes \$ 53,000.17 unspent from FY 25 that runs through Nov 2025 and 25–26 allocation of \$146,274.00
Education Services/LVSTF	\$90,000.00	
Printing	\$2,500.00	
Travel	\$5,000.00	To support staff and school staff with travel related to the Governor’s Designated STEM Schools program. Note: This line may increase or decrease based on progress and funding demands among Licensed Extra Duty, General and Instructional Supplies (Classroom Teacher Supplies), Automated Energy Management and Air Purification Pilot Program Implementation.
Technology Supplies	\$1,500.00	
Dues and Fees	\$2,500.00	
General and Instructional Supplies (Classroom Teacher Supplies)	\$121,181.40	Continue with HS and MS professional learning materials and science teaching supplies (Kits) - these kits are related to several topics connected to environment and air quality - This line may increase or decrease based on progress and funding demands among Licensed Extra Duty, General and Instructional Supplies (Classroom Teacher Supplies), Automated Energy Management and Air Purification Pilot Program Implementation.
Science/STEM Education Totals:	767,591.82	

FACILITIES and Transportation		
Automated Energy Management	\$200,000.00	Automated Energy Management and Air Purification Pilot Program Initiatives - These lines may increase or decrease based on progress and funding demands among Licensed Extra Duty, General and Instructional Supplies (Classroom Teacher Supplies), Automated Energy Management and Air Purification Pilot Program Implementation.
Air Purification Pilot Program	\$300,884.00	

Total Funds Available (24-25 carryover and FY26 fines):	\$1,268,475.82
Total Allocated	\$1,268,475.82