

When we meet with you this summer, we hope to discuss these exciting opportunities and new developments. To enhance that discussion, we thought it would be useful to summarize the committee's activities during the 2021-22 school year.

Sustainability Liaison Program in 2021-2022

Despite the significant challenges that staff faced in SY 2021-22, the liaisons from 26 schools accomplished significant projects that made a lasting impact on school operations and student environmental education. For more on each liaison's projects, please see Appendix B: "Sustainability Liaison Projects."

Beyond the slideshow (created in March 2022) in Appendix B, SACS was able to gain insights into the liaison activities by participating in their quarterly meetings, and by surveying the liaisons in the fall and in June. As in previous years, it is clear that two types of projects are most popular: 1) outdoor gardening and learning, and 2) waste reduction, recycling, and especially composting. From 2020 onward, outdoor projects became especially popular because of their covid safety. These projects are quite popular among students because they get moving and socializing outside, while also learning about sustainability and greening the school. In waste reduction and recycling, many schools were able to resume programs like Recycling Rangers at Barrett and Long Branch, in which students implement recycling themselves, while also teaching about it to other students. Composting food scraps became more popular during 2021-22, partially because of the success at Yorktown High School, and partially because of curbside food scrap pick-up for single-family homes. Campbell Elementary went so far as to implement a vermicomposting (worm composting) system! Yorktown and Williamsburg Middle School were able to collaborate on food scrap composting, and Yorktown has shown how APS could start composting pickup at some schools on a pilot basis.

It was particularly gratifying to see liaisons collaborating with outside scientists and non-profits and receiving recognition for it. For example, at Wakefield High School, students part

commented on his draft policy implementation plan for the Equity Policy, with an emphasis on efforts to measure whether operations and transportation are both consistent with sustainability as well as equity. In addition, Dr. Leah Nichols, SACS vice chair and Director of the Institute for Sustainable Earth at George Mason University, was able to connect a data analytics expert with Dr. Ottley's team, to enhance the considerable challenge of measuring and monitoring equity at APS. Most importantly, we forged a connection so that the principles of DEI, with assistance from the DEI office, can infuse the committee membership recruiting, the liaison program, and all of SACS's activities and recommendations.

In March, SACS provided awards at the Regional Science and Engineering Fair. The Committee reviewed 29 projects - 25% of APS projects - that addressed sustainability challenges. The breadth and depth of understanding of environmental issues was impressive. In first place, Colin Sartori from Yorktown High School developed a sustained power source generated from shoe soles. In second place, Harriet Shapiro from Washington-Liberty High School measured the effectiveness of strategies to reduce heat generated from streets and buildings in cities.

SACS continues to emphasize the importance of safe, healthy, climate-friendly, equitable transportation options, particularly walking and biking to school. We are very concerned about road safety for children who walk or bike. A SACS member, Cynthia Palmer, is the chair of the County's Bicycle Advisory Committee. She continues to help coordinate our efforts with that committee and with its sister group, the Pedestrian Advisory Committee. For example, she applauds the County's pilot program to reduce the speed limit t W n BT 7T0oc tesu N A S S Z % \$ U a P E P S W 2 A 9 P B 5 D p q J E A M W g B g e E E) % \$ M P E O 1 (C A P 9) h e q

Appendix A: SACS 2021-2022 Membership

SACS meets on the third Tuesday of each month, except for July and August. All meetings are open to the public. Members are appointed to two-year terms and participate on a volunteer basis.

Appointed Members

Meredith Allen	Senior Instructional Technology Coordinator, Tuckahoe Elementary School
Nicole Croce	Third Grade Teacher, Campbell Elementary School
Heather Dantzker	MS, PhD, Owner and Principal, Dantzker Consulting, LLC
Elenor Hodges	M.Ed., Executive Director, EcoAction Arlington
Gregory Lloyd	CCM, LEED AP BD+C, TRUE Advisor, Construction Manager, Wesley Housing
Kate Marshall	Real Estate Senior Manager, GDI
Leah Nichols	Executive Director, Institute for a Sustainable Earth, GMU
Levi Novey	MS, Consultant, IUCN Pangolin Specialist Group
Cynthia Palmer	JD, MPH, Petrochemical Strategy Advisor, Moms Clean Air Force, EDF
Robin Puttock	LEED AP BD&C, AIA Architect, Architecture Faculty at Catholic University
Samantha Taggart	Teacher, H-B Woodlawn Secondary Program
Laura Watchman	LEED AP Neighborhood Development, Principal, Watchman Consulting

Staff

Cathy Lin	CEM, APS Director, Facilities and Operations
Dat Le	Ph.D., APS Science Supervisor

Student Liaisons

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