

# VISION 2030

BUILDING A BRIGHTER CLIMATE FUTURE

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Vision 2030 is a team of people and organizations who educate middle school students about our region's goal and efforts to reduce greenhouse gas emissions 50 percent from 1990 levels by 2030.

Members include students, teachers, volunteers and nonprofit and governmental agencies working together. Team is sponsored by the nonprofit organization SAGE.

We believe education can inspire and engage students in the vital work to reverse climate change. Students also influence others to think globally, and act locally.

Read on to learn about our funders, partners, and to see photos from our events!

# What does the team do?

Together, team members offer:

- Keystone Lessons on Climate Solutions (45 min lesson)
- Fairs to introduce large groups of students to regional climate solutions and workforce opportunities
- Referrals for teachers who would like to host other lessons offered by partners on climate solutions
- Referrals for volunteers who would like to support student green teams and to offer service-learning opportunities

## THE CLIMATE ACTION PLAN IS A ROADMAP TO PORTLAND'S FUTURE. IN 2030:



Homes and businesses will be 25 percent more energy efficient than they were in 2010.



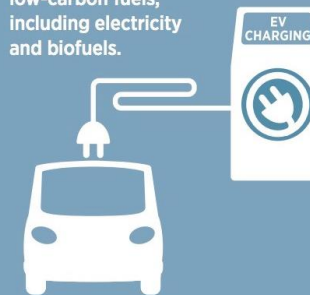
All new buildings will achieve zero net carbon emissions and renewable sources will provide 50 percent of all building energy, compared to 9 percent today.



Eighty percent of residents will be able to easily walk or bicycle to meet all of their basic non-work needs and have safe access to transit, compared to 65 percent today.



More motor vehicles will be powered by low-carbon fuels, including electricity and biofuels.



Ninety percent of all waste generated, including food scraps, will be recovered or recycled, compared to 70 percent today, and the amount of waste generated per person will be reduced by a third.

# How can you get involved?

- Bring your energy, talent, ideas. We have lots of avenues!
- Some specific areas where we value help
  - Facilitate the Keystone Lesson as a Climate Solutions Educator
  - Volunteer/Exhibit at one or more of our Climate Solutions Fairs
  - Join our core team. We meet monthly over Zoom to plan, develop exhibits, make connections, and advance the project

# Thanks, Vision 2030 Funders

- Susan Hammer Fund of Oregon Community Foundation
- Portland General Electric
- Portland Clean Energy Fund
- Energy Trust of Oregon
- City of Portland - Bureau of Planning and Sustainability
- Prosper Portland

# Thanks, Organizational Partners

- Bureau of Planning and Sustainability - City of Portland
- Columbia Riverkeepers
- Daimler Truck North America
- Energy Trust of Oregon
- Pathways 2050 Model
- Forth
- Kindness Farm
- Loopt Foundation
- Mama & Hapa's Zero Waste Shop
- McDaniel High School
- Multnomah County Office of Sustainability
- Neighbors for Clean Air
- Oregon Environmental Council
- Oregon Metro
- Parkrose Middle School and District
- Portland General Electric
- Portland Public Schools District and its Sustainability and Transportation Departments
- Teen Nature Team - Portland Parks & Recreation
- The Blueprint Foundation
- Vestas

# Thanks, Volunteers



Vision 2030's teamwork is made possible by the hard work and dedication of our volunteers.

- During the 2024-2025 school year, we engaged 138 volunteers to support our core team, lessons and fairs
- Collectively, volunteers contributed 1,500+ hours of service valued at over \$50,000
- Here's what some of our volunteers have to say:
  - *"Everything was dialed in. Exhibits were engaging. Students learned a lot. The fair was well organized. I can't say enough good things."* - Vision 2030 Fair Volunteer
  - *"I think it was good how many people showed up to participate. There was also a high level of engagement from everyone involved."* - Vision 2030 Fair Volunteer

Thank you!



# Keystone Lessons 2024-2025 School Year

We facilitated 51 Keystone Lessons on Climate Solutions & Justice to 1181 students at four Portland-area middle schools: Robert Gray, Parkrose, Harriet Tubman and Cathedral

Our lesson is free and interactive, and helps students learn about:

- Climate change, and how it affects our region
- Solutions in our region's Climate Action Plan, and related jobs
- Opportunities for continued learning and involvement in projects in their schools



# Climate Solutions Fairs 2024-2025 School Year

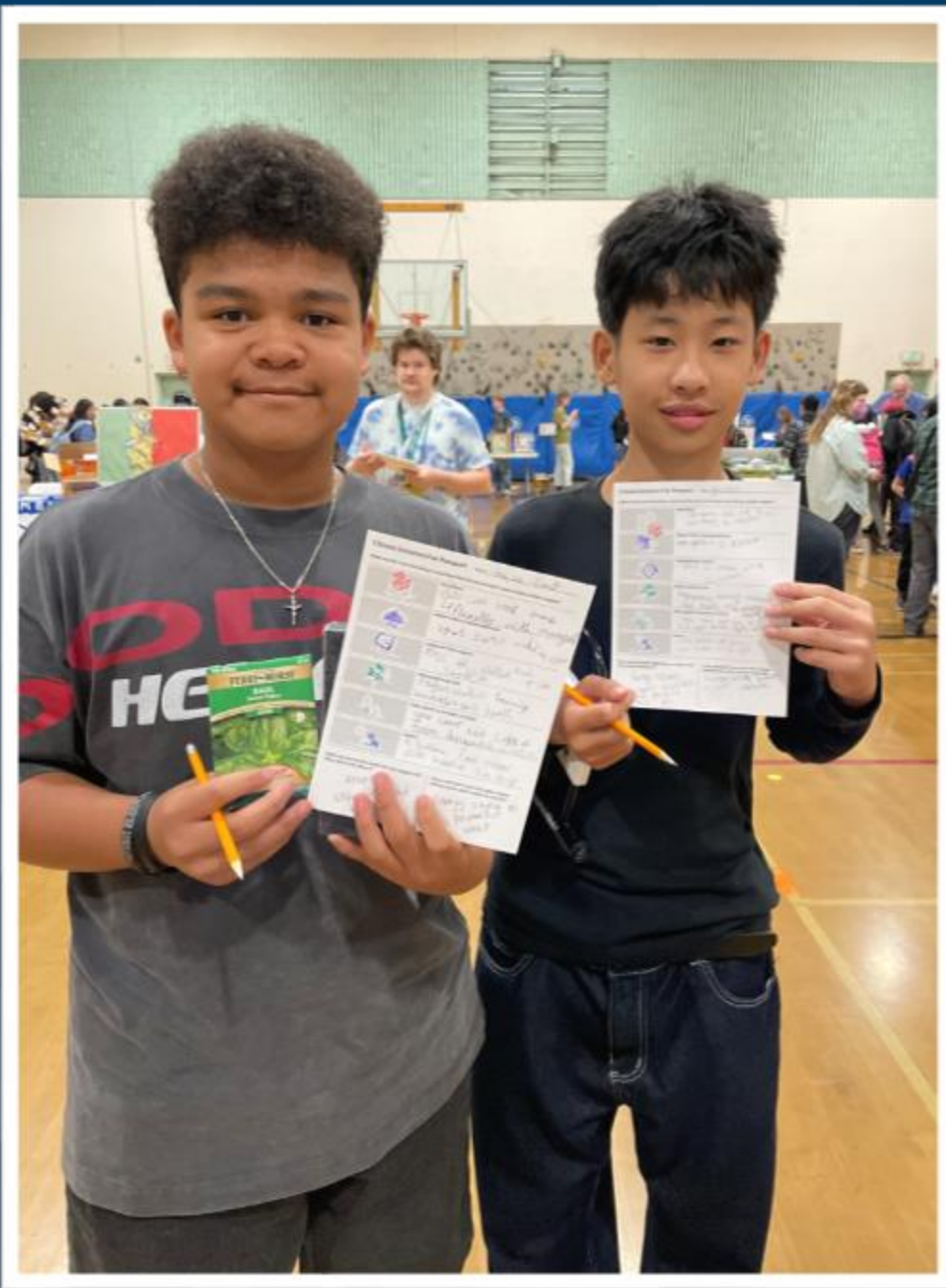
Vision 2030 offered climate solutions fairs at four Portland-area middle-schools: Robert Gray, Harriet Tubman, Parkrose Middle, and Roseway Heights

These all-day and all-school fairs engaged over 2,000 students in hands-on exhibits related to the solution sectors of Portland's Climate Action Plan:

- Buildings
- Community Engagement
- Consumption & Waste
- Energy
- Food & Agriculture
- Student Projects
- Tree Canopy & Natural Systems
- Urban Form & Transportation







At each fair, students visited exhibits and captured their learning on their Climate Solutions Fair Passport.

### Climate Solutions Fair Passport

Name \_\_\_\_\_

What was the most interesting or surprising thing that you learned in each climate solution category?



BUILDINGS



URBAN FORM & TRANSPORTATION



CONSUMPTION & WASTE



FOOD & AGRICULTURE



TREE CANOPY & NATURAL SYSTEMS



ENERGY

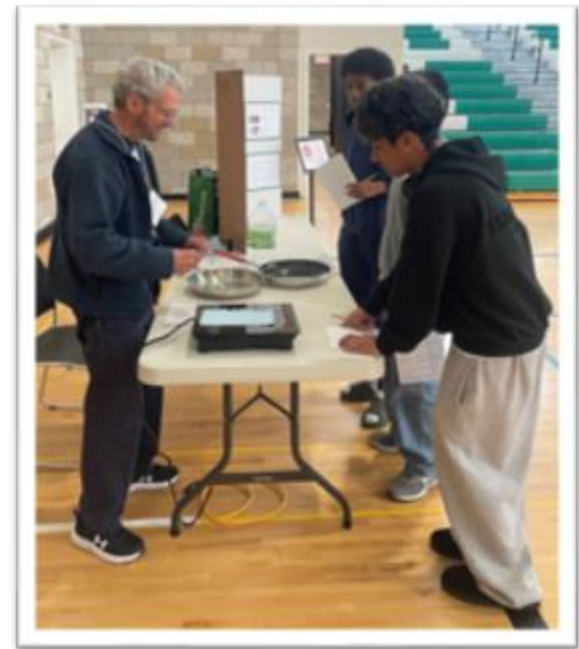
What was your favorite exhibit that you engaged with?  
What did you like about it?

If you could work in one of the above climate solutions areas, which would it be and why?



# Buildings

- ❖ Pathways 2050 Model
- ❖ Oregon Environmental Council
- ❖ Vision 2030 Exhibit: Energy Efficiency LED Light Bulbs
- ❖ Vision 2030 Exhibit: Energy Efficiency Induction Demo





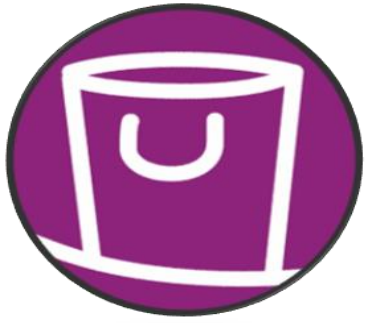


# Urban Form & Transportation

- ❖ Daimler Truck of North America
- ❖ Forth
- ❖ OEVA (Oregon Electric Vehicle Association)
- ❖ Portland Public School E-bus







# Consumption & Waste

- ❖ Loopt Foundation
- ❖ Mama and Hapa's Zero Waste Shop
- ❖ Oregon Metro





# Food and Agriculture

- ❖ Kindness Farm
- ❖ Portland Bureau of Planning & Sustainability







# Tree Canopy & Natural Systems

- ❖ Portland Parks & Rec's Teen Nature Team
- ❖ Columbia Riverkeepers
- ❖ Vision 2030 Exhibit: Tree Canopies Shade Equity







# Energy

- ❖ Energy Trust of Oregon
- ❖ Portland General Electric
- ❖ Vestas





# Student Projects

- ❖ Robert Gray Eco-Club
- ❖ Roseway Heights Eco-Club
- ❖ McDaniel Gardening Club
- ❖ McDaniel Mural Club
- ❖ McDaniel Naturalist Club
- ❖ McDaniel Pasifika Club
- ❖ McDaniel Cycling Club





# Community Organizing

- ❖ Neighbors for Clean Air
- ❖ The Blueprint Foundation
- ❖ PPS Climate Justice & Sustainability Departments



"Providing real world models and examples. Plus giving students the opportunity to ask experts questions."

- Middle School Science Teacher



"The presenters were great and knowledgeable. Car display was cool! Toast was awesome to see!"

- Middle School Science Teacher



"Students have a chance to touch sustainability strategies in real life."

- Middle School Science Teacher





# Contact us to learn more



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