

## Summary of Vision 2030 Teamwork for 2020-2021 School Year

The [Vision 2030 Team](#) offers education for middle and high school students about the Portland and Multnomah County climate goal to reduce greenhouse gas emissions by 50 percent from 1990 levels by the year 2030. Team members present the Keystone Lesson about our region's climate goal and the solutions in the Climate Action Plan and promote educational projects and career opportunities. Members include students, teachers, volunteers and nonprofit and governmental organizations who share information, coordinate efforts, and engage students in the learning and work to achieve our region's goal. Organizational supporters include the Bonneville Environmental Foundation, Biomimicry Oregon, the City of Portland Bureau of Planning and Sustainability, Climate Reality, the Eco-School Network, Forth, Prosper Portland, and Solar Oregon. The team is facilitated by the nonprofit organization SAGE.

We believe that local, placed-based education is a cornerstone to inspire and engage students to solve public problems and particularly complex problems like reversing climate change. Our focus on solutions and workforce opportunities is intentional to inspire and support all students to learn more about climate change, even if they may not be initially interested. By working with students, they can also influence other people to learn about our region's climate goal and to think globally, and act locally.

During this school year, the team will focus on five major activities:

- 1) Deliver Keystone Lesson on Climate Solutions and Justice for middle school students.** Facilitate 50+ lessons to introduce 1,500+ students to the 2030 climate goal, the solutions in the Climate Action Plan, and project-learning and workforce opportunities. We will present the lesson at any middle school and prioritize presentations in these districts: Centennial, David Douglas, Parkrose, and Reynolds. We will also partner with the City of Portland to train a corps of volunteers to present the lesson and to help accelerate these presentations with the goal to engage 250+ classrooms (7,500+ students) in the 2022-2023 school year and thereafter.
- 2) Present Climate Careers Speaker Series to high school students.** In partnership with Portland Public Schools, host 8 speakers (one per month) to spotlight their climate career and to provide students with opportunities to ask questions about the speaker's job, and relevant internships, certification programs, and continuing education. This series is open to any high school student in Oregon. We will record these sessions and publish 1-minute videos from these and other speakers to spotlight

their jobs and to share with elementary, middle, and high schools. We aim to directly engage 250+ students in the series and to reach 5,000+ students through the series and the 1-minute videos that will be distributed through PPS's educational network across Oregon. To complement this work, we will publish a simple guide to climate careers for students, parents, and counselors.

- 3) **Present Climate Solutions Fairs to middle and high school students.** Host 2+ fairs to spotlight the region's climate goal and the numerous solutions and workforce opportunities related to the goal. Currently, two fairs are planned for the winter and spring of 2022, and they are designed to engage multiple partners to provide hands-on learning experiences for students. Through these two fairs, we aim to directly engage 500+ students in the learning.
- 4) **Promote project learning for middle and high school students.** Publish five project learning opportunities that directly engage students in specific, hands-on activities that reduce greenhouse gas emissions or sequester carbon at schools, homes, and in neighborhoods. Promote additional project-learning opportunities offered by partners. We are working with the City of Portland to organize and publish these opportunities online so anyone can easily access them.
- 5) **Support the larger movement to engage students in education about climate change by continuing to facilitate meetings and coordination between organizations in this network.** To do so, we will continue to host our bi-annual meeting of organizations that advance climate solutions education in our region and identify opportunities to amplify efforts.

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