

# Parkrose S.D. Student-led Climate Initiatives

Through the Portland Clean Energy Fund, the City has authorized a total not-to-exceed amount of \$150,000 (\$30,000 per year for five (5) years beginning the 2024-25 school year) for student-led climate initiatives. This allocation is equal to \$15,000 per school (H/S & M/S) per year with (\$10,000) per school to fund the student-led climate initiatives and (\$5,000) to provide modest funding for teacher/district support of these initiatives.

Student-led initiatives will not require prior PCEF authorization but must be designed to fit the following parameters:

- Must include a decision-making process that clearly demonstrates student empowerment and leadership.
- Must demonstrate connection to greenhouse gas reduction or sequestration.
- Must demonstrate connection to one of the PCEF funding areas – clean energy, transportation, green infrastructure, regenerative agriculture, or workforce and contractor development.

Reporting requirements for student-led initiatives will be flexible to allow student participation in the reporting process and to accommodate creativity and variability in projects.

Expected Outcomes:

- Schools serving PCEF priority populations reduce GHG emissions and are more climate resilient.
- Middle and high school students are engaged in leading climate action with student-led climate initiatives active in all middle and high schools in Portland.

Parkrose School District PCEF Student Initiatives Guidelines:

1. Choose a **category for this proposed project**:
  - Data, Research, PR/ Marketing (Facilities)
  - Building or Site Improvement (Facilities)
  - Educational Program (Principal)
  - Community Project (Superintendent?)
2. Submit a **Letter of Interest** to (the “district”) to briefly explain the project concept including the category, project, location, max budget, possible partner organizations & any outstanding questions.
3. **Meet with a district representative** based on your project category (see above).
  - This meeting will be to review the concept of your proposed project to:
    - i. Confirm it is a valid concept and isn't too similar to previous or current proposals, is something that meets the program requirements & is doable by the district.

- ii. Provide recommendations to provide a higher likelihood of a quality proposal.
- iii. Provide recommendations & resources to help you best utilize your time.

4. **Create and submit your proposal:** At minimum, students should provide a short summary of activities and outcomes, and report on the number and demographics of students involved in the project.

Proposal Details Examples:

Plant Trees (category = Building or Site Improvement (Facilities))

- What is the benefit and measurable outcome of the project:
  - Estimated carbon reduction numbers
  - Equivalent numbers (i.e. "x" number of cars off the road)
  - Projected cooling info (this would be different if planting over hardscapes like concrete or asphalt vs greenspaces)
  - Educational benefits
  - Community benefits
- Who is involved:
  - Include the names, grade and demographics of students involved in the project.
  - Community Partner:
    - Friends of Trees
    - Portland Urban Forestry's Learning Landscapes
    - Portland State University (i.e. Natural Science Inquiry & Environmental Sustainability)
    - Oregon State University (i.e. Master Gardener Program)
    - School Club
    - Parent Volunteer Club (i.e. Shaver Elementary Community Organization)
- Cost:
  - What is the total budget cost of the project?
  - What is the total budget cost to the district now
    - Break down the costs for the full proposal and show your work (i.e. 40 labor hours for install @ rate of \$100/ hr including benefits + (10) trees at a cost of \$150 each)What is the (10) year maintenance cost to the district?
  - What is the (10) year maintenance budget cost for the district?
- Detailed plan/ location:
  - Provide an overhead map showing the exact location of the project and the layout of the trees. (Is this detailed enough for an installation crew with no knowledge of tree planting requirements to be able to plant the trees in the correct spots?)
- Detail the types of trees including:
  - Name
  - Size at planting

- Size at maturity
  - Special considerations (i.e. poisonous, native, temperature sensitivity, drought tolerance, possible disease and pest issues, fruit bearing, season of bloom, deciduous or evergreen, etc.)
- Detail other considerations:
  - Temporary watering or irrigation
  - Long-term water or irrigation during severe drought
  - Pruning and herbicide recommendations
  - Other maintenance recommendations
  - Companion planting
  - Other uses (i.e. seating for instructional opportunities, signage to teach and promote)
- Timeline:
  - How long will the planning process be?
  - When would the project begin and end?
  - What factors could negatively impact the schedule and how would those be addressed?
- Show you have received building admin and district facilities approvals.