

Form Package 243

ClimeTime School Program Grants



Purpose:

Since fiscal year 2019, the Washington State Legislature has provided funding for climate science education and Next Generation Science Standards (NGSS) professional learning for K-12 science teachers. This funding supports a grant program known as [ClimeTime](#).

In FY23, the grant program continues building on earlier professional learning efforts for elementary and secondary teachers. For FY23 (July 1, 2022–June 30, 2023), approximately \$1,100,000 is allocated for schools and districts to support climate science and Next Generation Science Standards learning activities. This new project is funded up to \$700,000 and is known as ClimeTime School Program Grants.

Award Amounts

Grant awards will be in the range of \$25,000 to \$35,000/project.

Application Priorities and Questions (please visit the [ClimeTime website](#) for ideas)

The ClimeTime School Program prioritizes project plans which support:

1. anti-racism efforts, and increasing student equity and inclusion,
2. professional learning and student engagement in communities historically underserved by science education,
3. innovative project designs for climate science and Next Generation Science Standards learning using science and engineering practices such as computational thinking, data analysis and communication, crosscutting concepts of the NGSS such as systems, modeling, patterns, integrated learning across multiple content areas using common practices of all disciplines, place-based learning, family, and community engagement, and/or collaboration with local, county, and state agencies,
4. elementary science learning by (a) supporting professional learning communities, (b) focus on learning about and using high quality student learning materials, (c) development and implementation of integrated learning practices and units across such disciplines as science, math, ELA, and social studies,
5. environmental and sustainability literacy standards as related to climate science,

6. innovative learning in afterschool programs that promote both teacher and student climate science learning including community projects, and student lead activities such as student climate symposia and climate justice league,
7. innovative learning in computer science as applied in NGSS and climate science learning focusing on coding, gaming programs, ap and simulation development that promote both teacher and student learning,
8. career and technical education programs that support state science/CTE equivalency frameworks, explore green technologies and careers, natural resource management, role of policy development and implementation at local and state levels to support community and state-wide climate resiliency plans, emergent agricultural practices focused on areas such as soil health and carbon sequestration, and predictive data management systems.

Awards

Grant awards will be in the range of \$25,000 to \$35,000/project.

Application Questions

1. Which of the grant priorities does your proposal address? Check all that apply.
 - anti-racism efforts, and increasing student equity and inclusion,
 - professional learning and student engagement in communities historically underserved by science education,
 - focus on place-based learning activities focused on climate science learning,
 - climate science and Next Generation Science Standards learning using computational learning, data analysis and communication, crosscutting concepts of the NGSS, and integrated learning across multiple content areas using common practices of all disciplines,
 - elementary science learning by supporting professional learning communities, school grants to focus on learning about and using high quality student learning materials, development and implementation of integrated learning practices and units across such disciplines as science, math, ELA, social studies,
 - innovative learning in afterschool programs that promote both teacher and student climate science learning including community projects, and student lead activities such as student climate symposia and climate justice league,
 - innovative learning in computer science as applied in NGSS and climate science learning focusing on coding, gaming programs, ap and simulation development that promote both teacher and student learning,
 - career and technical education programs that support state science/CTE equivalency frameworks, explore green technologies and careers, natural resource management, role of policy development and implementation at local and state levels to support community and state-wide climate resiliency plans, emergent agricultural practices focused on areas such as soil health and carbon sequestration, and predictive data management systems.
2. Provide a description of your project including your project's goals and objectives and how it supports the grant priorities identified in question 1. (500 words)
3. Why is this grant program important to your school? What do you hope to achieve? (250 words)

4. How many students and teachers will participate in the grant activities?
5. Who are the key leads on the project? Describe their backgrounds and their roles as project leads.
6. How will you include student voice and equitable participation in this grant program?
7. What is your timeline? What are your milestones and communication plans for sharing with community partners, colleagues, families, and students?
8. How will you know you are successful?

Budget Narrative

Grant award range is \$25,000 - \$35,000

Please provide a narrative describing your grant costs.