

## Clean Energy Educational and Professional Development Activities Pathway

NYSERDA may provide funding to schools participating in the Program for services that will engage students, faculty, staff and the surround communities in Clean Energy Educational and Professional Development Activities.

All Clean Energy Educational and Professional Development Activities must integrate the following milestones into their activity:

<b>Milestone 1: Form a project group</b>	<b>Milestone 2: Choose a learning objective to explore</b>	<b>Milestone 3: Complete a project based on learning objective chosen</b>	<b>Milestone 4: Communicate results</b>
<p>Example groups include, but are not limited to:</p> <ul style="list-style-type: none"> <li>• Teacher mentor and student</li> <li>• Consultant mentor and student</li> <li>• Green Team comprised of students, teachers, administrators, maintenance staff, parents and community members.</li> <li>• Environmental clubs</li> <li>• Group of teachers</li> </ul>	<p>Eligible categories include, but are not limited to:</p> <ul style="list-style-type: none"> <li>• Climate change</li> <li>• Environmental justice</li> <li>• Designing an energy conservation and decarbonization initiative</li> <li>• GHG inventories</li> <li>• Energy auditing</li> <li>• Benchmarking</li> <li>• Energy studies</li> <li>• Clean heating and cooling studies</li> <li>• Energy master planning</li> <li>• Energy efficiency design</li> <li>• Sustainability and resiliency</li> </ul>	<p>Eligible activities include, but are not limited to:</p> <ul style="list-style-type: none"> <li>• Develop a new clean energy course.</li> <li>• Coordinate a clean energy research project.</li> <li>• Host a faculty training workshop focused around integrating clean energy into the curriculum.</li> <li>• Coordinate a series of clean energy field trips.</li> <li>• Host a clean energy career fair.</li> <li>• Identify existing community-based clean energy education opportunities and leverage these activities through student and staff involvement.</li> <li>• Participate in activities towards a clean energy certificate or degree credit.</li> <li>• Participate in a clean energy internship.</li> <li>• Participate in a clean energy pre-apprenticeship program.</li> <li>• Offer scholarships to students to support education and professional development in a clean energy field (11<sup>th</sup> and 12<sup>th</sup> graders only).</li> </ul>	<p>Eligible activities include, but are not limited to:</p> <ul style="list-style-type: none"> <li>• Present completed project to community (e.g. school board meeting).</li> <li>• Virtual or in-person summit and/or award event to share projects/best practices with other students and schools (e.g. science fair).</li> <li>• Summarize event to community through a district newsletter.</li> </ul>