You are invited to apply to join the Change Today, Save Tomorrow Environmental Innovation Design Challenge, focused on putting students in the role of informing positive human impact in the workplace and/or the community.

**APPLY NOW**


**The Challenge**

Students develop a project and showcase an innovation addressing environmental issues in San Diego and/or Imperial County. See the rubric for more details in Form A below.

**Audience**

Middle and High School students. You may apply as a small team (as small as a group of 3) or an entire class! Applications should be submitted by 6-12th grade teachers with the support of their principal.

**Timeline**

- Applications are considered on a rolling basis through November 15 - early applications are welcome and may be more likely to be accepted.
- Projects should begin no later than January 31, but may begin as soon as you submit your project and are approved. You should plan to complete your project by the end of February to ensure there is a buffer of time to prepare for the final showcase in March.
- The Environmental Innovation Showcase will take place during the San Diego Science and Engineering Festival Week, tentatively scheduled for March 12 from 5-8pm.

**Challenge Expectations**

- Educators will incorporate a project focused on an environmental challenge into their course.
- A group of students will develop a project to showcase environmental innovations inform positive human impact in the workplace and/or the community.
  - The showcase will offer booths and/or space to allow students to showcase their innovations! The location will be central to the region, and you will be notified of the location once it is finalized.
- Educators agree to share any project materials developed with SDCOE under a creative commons licence to support expansion and implementation of environmental literacy.
- Complete the application and submit your signed administrator support form (Form B below).
Resources/Benefits for Awardees

- Participants will be able to submit a request for supplies and materials for their project
  - Groups of 3-5: Up to $100 in supplies and materials
  - Groups of 6-15: Up to $200 in supplies and materials
  - Groups of 16-25: Up to $250 in supplies and materials
  - Groups of 26-35: Up to $350 in supplies and materials
- Substitute reimbursement for the teacher to attend the setup of the student showcase in March.
- Groups of 15 or more are also eligible for bus transportation reimbursement for the student showcase.

Resources to support ideas and alignment

- Environmental Principles and Concepts
- Environmental Literacy in History/Social Science
- Science Informed Environmental Action
- Career Ready, Environment Savvy
- Source Magazine - Environmental Literacy in History/Social Science

Sponsoring Organization & Funding
This challenge is sponsored by the San Diego County Office of Education, under a grant provided by the California Environmental Literacy Project.

For more information please contact someone from our San Diego County Office of Education Innovation Design Challenge Team:
- Crystal Howe, Science Coordinator crystal.howe@sdcoe.net
- Jewyl Clarke, Integrated Curriculum Coordinator jewyl.clarke@sdcoe.net
- Matt Hayes, History-Social Science Coordinator, mahayes@sdcoe.net
Form A: Design Challenge Rubric

The rubric addresses the objectives of the design challenge and will be used to evaluate the student showcase. A content specific rubric should be developed by the teacher to align to standards and learning objectives.

<table>
<thead>
<tr>
<th>Opportunity/ Area for Growth</th>
<th>Indicator</th>
<th>Accomplishment/ Celebration/ Evidence</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project addresses environmental issues in San Diego and/or Imperial county, including current status, historical context, and projected impact.</td>
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| Evidence and actions provided directly connects the project to at least one of the following environmental principles:  
  ● The natural system provides good and ecosystem services  
  ● Ecosystems are influenced by human societies  
  ● Decisions that affect resources and natural systems are complex | | |
| The project acts to inform positive human impact in the workplace and/or the community. | | |
| Project should evaluate the environmental, social, and economic impacts of the proposed innovation. | | |
| Through project development, management, and showcase students show growth in essential skills, including but not limited to Communication, Collaboration, Creativity and Critical Thinking. | | |
| Project incorporates career awareness, exploring careers that may be connected to the environmental challenge the project addresses. | | |
| Course content objectives are incorporated into the project as an authentic application of learning.  
  *Teachers will provide additional content specific criteria. | | |
Form B: Administrator Support Form
Please fill out the details and have a site administrator sign below. Please scan the form and upload with your application or email it to Jewyl.Clarke@sdcoe.net

School Name:

Teacher Name:

Course Name, or Club Name:

Number of Students Engaged:

Brief Project Description:

Administrator Agreements:

● I support the implementation of the project listed above.
● I understand that the teacher and students are expected to address an Environmental Challenge, and will receive a limited amount of materials and supplies from SDCOE to support their project based on the number of students engaged in the project.
● I will approve student travel and attendance at the Environmental Innovation Summit in March (Tentatively Scheduled for March 12, from 5-8pm, with setup between noon and 5 depending on time needed).
● I understand that reimbursement for the teacher’s sub is dependant upon completion of paperwork within a specific timeline.
● I understand that reimbursement for student transportation is dependant upon the number of students involved and completion of paperwork within a specific timeline.

Administrator Signature                            Name                    Title                              Date