



A Walkthrough of the Education for Sustainability Actions

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Webinar Housekeeping

- All attendees are muted.
- Questions? Enter them into the Questions box or “raise your hand” and we will answer them at the end of the presentation.
- The recording and slides will be posted on the [Webinar Recordings page](#) within a few days.

The screenshot shows the website's navigation menu with 'Resources' circled in red. Below the menu, 'Green Team Resources' and 'Presentations' are also circled in red. The 'Presentations' section is expanded to show 'Webinar Recordings' and 'Resource Library'. The 'Webinar Recordings & Presentations' section contains text about webinar recordings and a 'Category Navigation' list with links to various topics like Arts & Culture, Certification & Recertification, Digital Schools Program, Education for Sustainability, Energy, Grants Program, Green Design, Healthy School Environments, Integrated STEM, Learning Environment, School Culture and Climate, School Grounds, and Student & Community Outreach.

<https://www.sustainablejerseyschools.com/resources/presentations/webinar-recordings/>



Agenda

- Sustainable Jersey Program
- EfS Action Overview
- Walkthrough of Examples
- Reasons for Revision
- Questions



Sustainable Jersey for Schools

A free, voluntary program that provides tools, training, and grants to New Jersey public schools to help them implement sustainability initiatives and achieve certification.




- Identifies **actions** to become more sustainable
- Provides **tools, resources, and guidance** to make progress
- Provides access to **grants** for schools and school districts
- Recognizes **accomplishments**
- Awards certification to individual schools but requires School Board and district level support

Statistics

2014
Program
Started

64%
Districts
Participating

1,083
Schools
Registered



150
BRONZE

306
Bronze
Certified



350
SILVER

48
Silver
Certified



43
Digital
Schools
Stars

7,861
Actions
Implemented



Statistics current as of 10/5/22



2023 Certification Cycle

- **January 20** – Initial Application Deadline
- Late February – Reviewer Comments
- **March 31** – Second Submission
- Early May – Reviewer Comments
- **June 15** – Final Application Submission
- Early August – Certified Schools Notified
- **October** – Certified Schools Celebration

2022 Awards



Penns Grove High School
Bronze Certified



Long Branch School District
*All schools Silver Certified,
Elementary & Middle School Sustainability Champions*

Certification: 150 points in 6 Categories

To become Sustainable Jersey for Schools certified, schools and districts must complete and document actions from this list. Certification is awarded to schools and is good for three years.

BRONZE Mandatory **Green Team**
2 out of 14 PRIORITY ACTIONS
150 points across 6 of 22 categories

SILVER Mandatory **Green Team**
3 out of 14 PRIORITY ACTIONS
350 points across 8 of 22 categories

★ Bronze or Silver certified schools can earn Digital Schools Star Recognition

Action	Points
BOARD LEADERSHIP & PLANNING	
District Sustainability Policy ☐	10
Professional Development for Sustainability ☐	5 to 20
Green Enhancement of District Strategic Plans	10
Strategic Plan Implementation of Green Initiatives	10
School Community Asset Mapping	10
School District Foundation	10
CLIMATE MITIGATION & RENEWABLE ENERGY	
School Carbon Footprint ☐	10
Buy Renewable Energy	10
Onsite Renewable Generation System - Geothermal	10
Onsite Renewable Generation System - Solar	5 to 40
DIGITAL LEARNING LEADERSHIP	
District Commitment to Digital Learning ☐	10 to 15
Equitable Access to Digital Learning ☐	10 to 15
Community Engagement	10
District Professional Development Plan	10
DIGITAL LEARNING PRACTICES	
Digital Citizenship ☐	10
Authentic Application of Digital Learning Tools & Content	10 to 15
Personalized Learning & Growing Independent Learners	15
Professional Growth & Collaboration	15
DIGITAL TECHNOLOGY ACCESS	
Data Safety & Security Policy	10
Digital Device Life Cycle Management	10
Infrastructure	10
Support for Digital Teaching & Learning	20

DIVERSITY & EQUITY	
Accessible Communications	10
Breakfast After The Bell	20
Diversity on District Task Forces & Committees	10
ENERGY EFFICIENCY	
Energy Efficiency for School Facilities ☐	5 to 50
Behavior-Based Energy Conservation Programs	10
Energy Tracking & Management	10 to 20
FOOD & NUTRITION	
Healthy Food Choices Beyond the Cafeteria	10
Promote Locally Grown Foods	10
School Gardens	10 to 30
GREEN CLEANING	
Green Cleaning Policy & Plan	10
Green Cleaning Equipment	10
Green Cleaning Supplies	10
Green Cleaning Training & Education Programs	10
GREEN DESIGN	
Green Building Policy ☐	10
Design, Build or Certify New Construction & Major Renovations to Green Standards	10 to 50
Green Building Training	10
GREEN PURCHASING	
Green Purchasing Policy ☐	10
Recycled Paper Purchase	10
Sustainable Fleets	5 to 15
HEALTHY SCHOOL ENVIRONMENTS	
Indoor Air Quality Review ☐	15
Access to Healthy Water in Schools	20
Anti-Idling Education & Enforcement	10
Classroom Chemical Purchase, Storage & Disposal Policy	15
Classroom Cleanup Protocol & Practices	10
Integrated Pest Management - Education & Organic Lawn Care	10
Outdoor Air Quality Awareness Program	10
Radon Testing, Education and Mitigation	10 to 20
Reporting Process for Indoor Air Quality Concerns	10
INNOVATION PROJECTS	
Innovative Project #1	10
Innovative Project #2	10

INTEGRATED SCIENCE, TECHNOLOGY, ENGINEERING, ARTS & MATH (ISTEAM)	
ISTEAM Planning & Implementation	15
ISTEAM Strategic Plan Indicators/ISTEAM Policy	10
ISTEAM Collaborative Units of Study	10 to 50
ISTEAM Professional Development Plan	5 to 20
LEARNING ENVIRONMENT	
All Arts Disciplines Offered	10
Curriculum Mapping	15 to 30
Outdoor Classroom	10
Student Participation in the Arts	10
SCHOOL CULTURE & CLIMATE	
Inclusive Environment Where All Can Thrive	10
School Culture & Climate Needs Assessment	20
Social Emotional Learning Integrated Unit	10
SCHOOL GROUNDS	
Biodiversity Audit & Management Plan	10
Biodiversity Project	10
Green Infrastructure Assessment & Plan	10
Green Infrastructure Installation	10
STUDENT & COMMUNITY OUTREACH	
Green Team ▲	10 to 15
Community Education & Outreach ☐	10
Civic & Stewardship Volunteer Initiatives	10
Enrichment Programs through Partnership	10
Green Challenges	10
Green Fair	10
"Green" Your Green Fair or School Event	10
STUDENT LEARNING ☐ <i>(One approved action in this category counts toward priority requirements)</i>	
Education for Sustainability Integrated Unit	10 to 50
Education for Sustainability, Pre K-3	5 to 25
Education for Sustainability, Grades 4-12 Arts	5
Education for Sustainability Grades 4-12 Career and Technical Education	5
Education for Sustainability Grades 4-12 English Language Arts	5
Education for Sustainability Grades 4-12 Health	5
Education for Sustainability Grades 4-12 Math	5
Education for Sustainability Grades 4-12 Science	5
Education for Sustainability	

STUDENT & STAFF WELLNESS	
School Wellness Council ☐	20
Policies to Promote Physical Activity	10
Programs to Promote Physical Activity	10
Staff Wellness Program	10
STUDENT SAFETY	
Safe Routes to School District Policy	10
Pedestrian and Bicycle Safety & Promotion Initiatives	10
Safe Driving Awareness Programs for High School Students	10
School Travel Plan for Walking & Biking	10
WASTE MANAGEMENT & RECYCLING	
Waste Audit ☐	10
Document Recycling Rates	10
EPA Waste WiSe	5
Food Waste Management	15
Materials Reuse	10
Recycling Non-Mandated Materials	5 to 20

- Priority action.** Schools must complete at least two priority actions to achieve certification.
- Mandatory action.** In order to participate in the program a district or school must complete this step.
- District-only action.** District actions earn points for all registered schools in the district.
- School-only action.**
- Digital Schools action.** Visit www.sustainablejerseyschools.com for more information about the requirements for adding Digital Star Recognition to Bronze or Silver certification.
- Parallel action in the Sustainable Jersey municipal certification program.** Visit the participating town map at www.sustainablejersey.com to find contact information for your local municipal green team to explore working with them on this action.

Please note: Program actions and points may be subject to change. For the current official list of actions and points visit the website.





Education for Sustainability Action Overview



EfS Lessons:

Pre-K, K, 1st, 2nd & 3rd Grade

Then 8 content areas for grades 4-12

<https://www.sustainablejerseyschools.com/actions/>

↑ BACK TO TOP EXPAND ALL ▾ COLLAPSE ALL ⌵

Student Learning ★ Priority ^

One action in this category will count towards the Priority Action certification requirement. All actions in this category will contribute to the point total necessary to achieve certification.

Education for Sustainability Integrated Unit

10 Points

🏠 School 📡 Digital Schools

• THIS ACTION HAS VARIABLE POINTS: 10, 20, 30, 40, 50

Education for Sustainability Pre-Kindergarten

5 Points

🏠 School 📡 Digital Schools



What to submit for your EfS actions:

1. Description of Implementation

- Short narrative describing the lesson, delivery and impact. The instruction must have taken place within the current school year (September - June) of the application.

2. A copy of the lesson plan

- Aligned with the [New Jersey Student Learning Standards](#)
- Documents the planning and delivery of a significant lesson or set of lessons
- Assessment of student learning of the sustainability enduring understanding

3. Sample Student work and graded rubrics

- show assessment of Sustainability Enduring Understandings

4. Completed [EfS Questionnaire](#)

5. Optional: Relevant photographs, videos, and news articles may also be submitted.



Examples of EfS Action Submissions

- Education for Sustainability [Lesson plan](#) English 4-12
 - [Rubric](#)
 - Student work
 - [EfS Questionnaire](#)
- Education for Sustainability Lesson plan 1st grade
 - [EfS Questionnaire](#)
 - [Rubric](#)



Common Reasons for Revision

1. Incomplete lesson plan

- NJSLS
- Objectives
- Activity and procedures
- Assessment

2. Rubric assesses skills for NJSLS, not Sustainable Enduring Understandings

3. Incomplete documentation

- Missing the Questionnaire
- Missing Graded student work



The New Jersey Climate Change Education Hub

njclimateeducation.org



Photos from Dale Rosselet, Allison Mulch, Dalton Farms, and NJ Audubon



NEW JERSEY
AUDUBON
www.njaudubon.org

SUBJECT
to **CLIMATE**



THE COLLEGE OF NEW JERSEY
SCHOOL OF EDUCATION

Resource Database

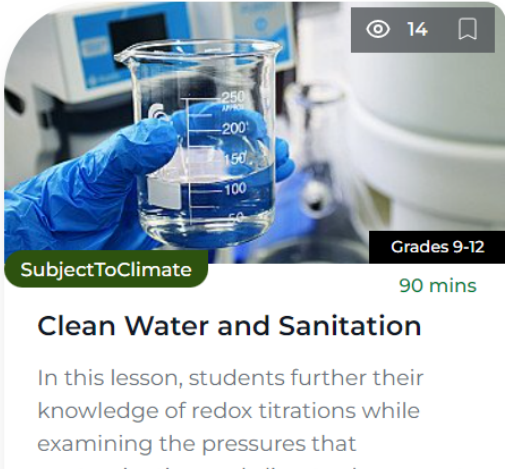
NJ Educators, want a climate change teaching mentor? [Sign up to be a Mentee!](#)

Subjects

- Art (142)
- Career Readiness, Life Literacies, and Key Skills (5)
- Climate Action (256)
- Computer Science & Design Thinking (58)
- English Language Arts (300)
- Health (256)
- Justice (269)
- Math (267)
- Science (1719)
 - Biology (727)
 - Chemistry (231)
 - Earth and Space Sciences (965)
 - Engineering (219)
 - Physics (146)
- Social Studies (1031)
 - Civics (263)
 - Economics (228)
 - Geography (357)
 - History (111)
- Social-Emotional Learning (238)


Showing 1 to 21 of 2,084 results

« < 1 2 3 4 5 6 7 »




Clean Water and Sanitation

In this lesson, students further their knowledge of redox titrations while examining the pressures that



Sun Up, Sun Down

In this lesson, students learn about the role the sun plays in our daily lives and how solar energy can be used.




Earth Day Activities (9-12)

This group of Earth Day resources provides writing prompts that stimulate social and emotional connections to

- The [resource selection rubric criteria](#) include pedagogic effectiveness, ease of use, accessibility, reflection of historically marginalized communities, etc.
- Each resource has a synopsis, teaching tips, and scientist notes.
- Educators can search for resources through keywords, subjects, grade levels, regions, resource language, types, and NJ Student Learning Standards.

Exemplar Lesson Plans



56 0

The Art of Climate Change

★★★★★ 0.0 | [0 Reviews](#) | [0 Questions](#)
SubjectToClimate

[DOWNLOAD LESSON PLAN](#)

CREATED BY
Carolyn McGrath

DATE
Apr 26, 2022

DURATION
120 minutes

GRADES
6th, 7th, 8th

SUBJECT
Art

RESOURCE LANGUAGE:
English

REGIONAL FOCUS
North America, United States, USA - Northeast,
New Jersey

FORMAT
Google Docs, Google Slides

Synopsis


In this lesson, students investigate the effectiveness of visual art in addressing climate change.

Step 1 - Inquire: Teacher asks students to think about the ways that art about climate change impacts audiences differently than factual information. What ways can visual art specifically be used to address climate change?

Step 2 - Investigate: Students simulate organizing an art show around the issue of climate change, with some students representing artists and others representing museum curators. Students will research to prepare for their roles.

Step 3 - Inspire: Students who researched an artist will present their work. Students who developed the criteria will evaluate their work.

Accompanying Teaching Materials



6

Google Slides


- Created by NJ Teaching Fellows
- Rigorous development and review process
- All materials downloadable and able to be modified
- Ability to provide a review and comments
- More Teaching Fellows are being recruited to produce additional exemplar lesson plans

News Articles for Students

[Back to the News](#) [Get News Updates](#)

Flash Floods Rush Through Kentucky, Taking Lives and Homes

Aug 1, 2022
thejuice



[f](#) [t](#) [e](#) [r](#)

Grades 5-6 ▾

This story was last updated July 31 at 8:15 PM EST.

Dozens of people in Kentucky remain unaccounted for. At least 28 are **confirmed** dead after a series of flash floods swept through the state late last week and over the weekend. To worsen matters, more rainstorms are expected today. Even more flooding is **predicted** in parts of the state.

Kentucky Governor Andy Beshear told NBC that it likely would take weeks to find all the victims. More than 37 people were unaccounted for on Sunday, according to officials.

The continuing rain has made the search harder, Beshear said. Streets, yards, and **rural** roads were filled with rushing waters. Others were left caked in heavy mud. Water and mud rushed off hillsides with such force that they bent street signs, the Associated Press (AP) reported.

- Through a partnership from [The Juice](#), educators can share student-friendly news articles that can be adjusted to specific grade levels so that students can stay up-to-date with the latest climate news.
- Users can...
 - Adjust the news article to different grade levels.
 - Click into specific vocabulary words for the definition and pronunciation.
 - Test for understanding through a simple reading comprehension quiz.
 - Subscribe to receive the most recent news articles in their inbox everyday

2023 New Jersey Sustainability Summit

May 5, 2023

Bell Works, Holmdel

<https://bit.ly/SustainabilitySummit-23>



14
Educational
Sessions



Sustainability
Exhibit



Networking
with 500 NJ
change-
makers



Breakfast &
Lunch

For more info & to register: <https://bit.ly/SustainabilitySummit-23>



Questions?





Thank you!

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