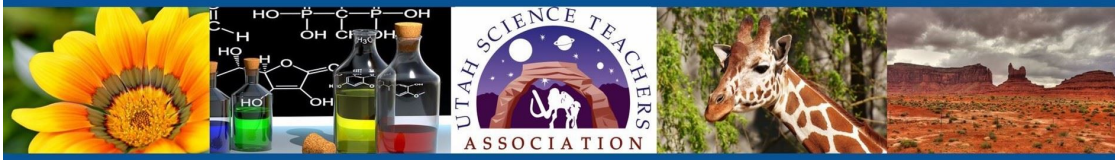


UTSTA NEWSLETTER

UTAH SCIENCE TEACHERS ASSOCIATION



January 2022

Select your regional newsletter below

[Region 1](#) | [Region 2](#) | [Region 3](#) | [Region 4](#)

[Region 5](#) | [Region 6](#) | [Region 7](#) | [Region 8](#)

[Region 9](#) | [Region 10](#)

Go [here](#) to find out which region you are in

Online-Endorsement Courses

Starts Jan 27, 2022. Register Now

Register @ utsta.org



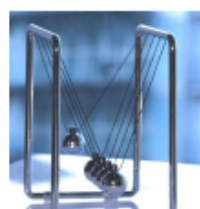
Geology for
Teachers



Zoology for
Teachers



Biology for
Teachers



Physics 1 for
Teachers



**Safety
Certification**



Chemistry 1
for Teachers



Meteorology
for Teachers

ALL SCIENCE TEACHERS SEEKING ENDORSEMENTS. THE COURSES START ON JAN 27TH IN AN ONLINE SETTING. TEACHERS CAN MAKE TIME IN THE WEEK WHEN IT WORKS FOR THEM. EACH COURSE IS SETUP ON A 12 WEEK SCHEDULE AND REQUIRE BETWEEN 4-6 HOURS A WEEK. EVERY WEEK INCLUDES FOUR MODULES: CONTENT LEARNING, DISCUSSION, CLASSROOM APPLICATION, AND A WEEKLY WRAP-UP ASSIGNMENT. TOTAL COST IS \$500 FOR UTSTA MEMBERS. CONTACT YOUR DISTRICT FOR REIMBURSEMENT OF \$500.00.



UTAH GOVERNOR'S OFFICE OF
ENERGY DEVELOPMENT

**ELEMENTARY TEACHERS! 4-6TH
SECONDARY TEACHERS!**

ENERGY IN THE CLASSROOM

April 5 OR 6, 2022
8:00 - 3:00

**SUU STEM Center 351 W University Blvd
Cedar City, Ut 84720**

SEEd Lessons - 3D
\$220 of materials
\$100 stipend for sub
\$30.00 registration
35+ lessons
7 hours relicensure

Register at

<https://utsta.org/page-1813399>



El Lessons:
Core Drilling
Patterns in Minerals
Solar Power Challenge
Transporting Oil
Physical Change
Natural Gas: Density

Sec Lessons:
Transporting Natural Gas
Digging into Renewables
Combustion Process
Peltier Plates
Batteries

For more information, contact Dawn Monson at dmonson@utsta.org

Solving Utah Air Quality Issues: BE PART OF THE SOLUTION

DATE: FEB 16 OR MARCH 23, 2022
8:00-3:30

LOCATION

JATC North
9301 S Wights Fort Rd
West Jordan, UT 84088

DETAILS

- 7 relicensure points
- Equipment - \$150 value
- Stipend- \$100 toward Substitute OR to teacher if no substitute needed
- \$15 registration fee refunded upon completion of training
- Lunch & snacks

REGISTER

<https://www.breatheutah.org/education/teacher-training>

AUDIENCE

- 5th grade - Matter SEEd 5.2.2
- 6th grade - Molecules, SEEd 6.2.1
- 8th grade - Natural Resources SEEd 8.1.2 & 8.4.1-3
- 9th Earth & Space - Natural Resources SEEd 4.1

[BREATHEUTAH.ORG](https://www.breatheutah.org)

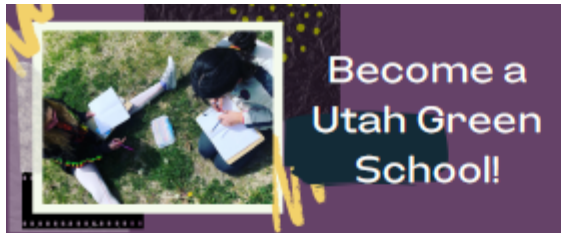


Generously Underwritten
by



Lesson Topics

What are Utah's specific air quality issues? Why is polluted air a problem? What is being done to reduce pollution? What can we each do to be part of the solution?



Utah Society for Environmental Education
PO Box 721, Salt Lake City, UT 84110
www.usee.org/director@usee.org

The Utah Society for Environmental Education (USEE), is the Utah Affiliate of the North American Association for Environmental Education.

USEE works with all Utahns, including teachers, administrators, nonprofit personnel, government and agency personnel, business and industry representatives, and private citizens to bring sound environmental education to all Utahns.

What is Utah Green Schools?

Does your school engage in sustainability efforts or integrate environmental education? If so, you are likely eligible to be recognized as a Utah Green School! UGS recognizes and inspires 21st-century sustainable practices in Utah schools, including environmental literacy, health and wellness, and building facilities.

Our program is aligned with nationally recognized partners including the Department of Education National Green Ribbon Schools, Green Schools Alliance, Project Learning Tree GreenSchools and the NAAEE.

The application is organized into the three components of schools: reduced environmental impacts and costs, improved health and wellness of schools, students and staff, and effective environmental and sustainability education. You can preview the application [here](#). Your school is likely already engaged in many of these efforts and participating in UGS is a way to be recognized for these achievements. If your school is going above and beyond, you can also consider submitting an application for recognition as a U.S. Department of Education Green Ribbon School.

2021-2022 Utah Green Schools Timeline - Here's How to Apply!

- **The application is now available!** The application consists of a questionnaire and narrative document. You can request an application now through **March 1, 2022** by filling out this form.
- Once you have the application, USEE staff is here to support you as you complete the required documentation. For more information, review the detailed step-by-step information below.
- USEE will offer monthly webinars to offer additional support and resources.
- To be considered as a Department of Education Green Ribbon School, your application must be received by **January 31, 2022**.
- All Utah Green Schools applications are due by **April 30, 2022**.
- All applicants will be notified of their status by **May 5, 2022**

USEE works to ensure everyone in Utah has an opportunity to learn about the environment where they live. We value inclusiveness and welcome everyone to the field of environmental education.



Contact: Carmen Bachofen
programs@usee.org
Visit our website to learn more



EXTRAVAGANZA!

JOIN US!
JANUARY 31, 2022
4:15-6:15 PM

Come to **West Jordan Middle School** to learn more about the Informal Science Education Enhancement (iSEE)

Partners in Utah!



iSEE programs serve K-12 teachers and students by providing programs that allow them to experience and practice science skills while gaining a deeper understanding of science concepts.

2 Relicensure points offered for participation!

Each organization will present their resources for about 20 minutes.

The conference-like format will allow teachers to experience 4 different iSEE partner programs and schedule school visits!

SIGN UP IN MIDAS - 60664



**CLEAN TECH
COMPETITION**



The Clean Tech Competition is a unique, worldwide research and design challenge for pre-college youth. The program encourages scientific understanding of real-world issues and the integration of environmentally responsible energy sources. Each year, the Clean Tech Competition addresses an issue that is grounded in core technological competency areas and focuses on the next great engineering challenges. The competition is designed to foster a deeper understanding of STEM (science, technology, engineering, and math) related concepts, recognize outstanding talent, and prepare the next generation of globally competitive innovators.

- Student Teams aged 15-18 register for free online by April 22, 2022
- Each Team submits a paper between 5-15 pages by April 29, 2022
- Papers are judged by an international jury of engineers, researchers and professors

- Top Teams are invited to present research and prototype live at Finals event to be held on August 11, 2022



Since 1987, the Governor's Science Medal recognizes the distinguished service, significant achievements, and positive economic impact of individuals and companies to the state of Utah and beyond in the fields of science and technology.

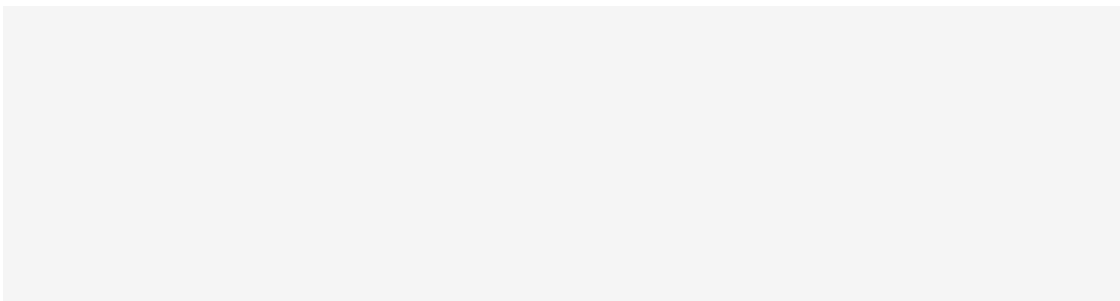
Medal recipients provide meaningful contributions in science, research, STEM education, or deep technology.

Nominations can be in one of three categories:

1. Education – K-12
2. Academic/Research
3. Industry – Individual or Company

Nominations will be accepted from Dec. 13, 2021, to Jan. 24, 2022.

[Nominate here](#)



SAVE THE DATE

10
MONTH

07
DAY

22
YEAR

2022 UTSTA CONFERENCE

Platinum



Gold



Silver

Clark Planetarium
Resorts at Wendover
GE Dinosaur Park

Natural History
Museum of Utah
Hale Centre Theatre

Discovery Gateway
ThanksGiving Point
Living Planet Aquarium

Bronze

Hawk Watch
Wards Scientific
Ogden Nature Center
Brain POP
Ward Scientific



Home Science Tools
Cherry Hill
Utah State Football
Boondocks
Minky Couture

Donate to UtSTA with Amazon Smile!



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Follow the [State Science Blog](#)! It's updated regularly with opportunities for science teachers across the state.

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