Shell Science Lab Regional Challenge and Shell Teacher Awards

Programs of NSTA
Introducing Your Presenters

Ruth Ruud is the NSTA head reviewer for Shell Science Lab Regional Challenge Competition. Ruth taught elementary and middle school science, served on the Superintendent’s Staff as Coordinator of Science, Math and Technology Special Projects, and was an elementary administrator. Ruth is currently an Adjunct for Cleveland State University. Ruth is the Past Chair of NSTA Awards and Recognition Committee, NSTA Investment Committee, and presently is serving on the NSTA Shell Teaching Awards Committee. Ruth is a reviewer for state and national awards and grants. Ruth is a past awardee for the Presidential Award for Excellence in Science Teaching and a Milken Foundation Educator Awardee and is a published author. She co-authored “Teaching STEM Literacy” which has been published in the US in English and in China in Mandarin.

Amanda Upton is the senior manager of the Shell Programs at the National Science Teaching Association. She is a current board member of the National Innovation Collaborative a STEAM interdisciplinary forum. She is the chairperson to the NIC Diversity Committee, and co-chairs the K-12 Effective Practices Project. In 2021 she earned her Master’s in Education in advanced studies, focusing on interdisciplinary leadership, at the American College of Education. She has extensive background in visual art and science education and assessment, program management, and corporate collaboration. Her work as an educator gained state and a national recognition. She is the recipient to over $100K in curricular grants, and in excess of $10M in foundation grants. Her passion includes collaboration among innovative educators to create intrinsic learning experiences for our future members of society.
AGENDA

- The Competition and Awards
- Eligibility
- Judging Criteria
- Submitting an Application
- Submission Requirements
- Narrative Prompts
- Questions
Showcases the work of teachers who have an exemplary approach to teaching science with minimal lab equipment.

Awarding teachers/schools with tools, resources, and rich professional development opportunities.
What state do you work in?
Eligibility
Shell Science Lab Regional Challenge
Eligible Regions
Shell Science Lab Regional Challenge
The Award
Shell Science Lab Regional Challenge

Regional Prizes
Elementary/Middle $10k
High School $15k

Grand Prizes
Expense paid trip to NSTA National Conference
Application Procedure
Shell Science Lab Regional Challenge

Don’t miss the Deadline

[Login interface image with fields for Username and Password]
Getting Started

Go to: https://www.nsta.org/shell-science-lab-regional-challenge
Please note that, for security purposes, this application form has a 2-hour time limit. If you are inactive on this form for 2 hours or more, you will be automatically logged out of the system. You may log back in with your username (email address) and password.

At any time during the application process, you may click the Save & Logout button, located at the top of every screen. This will save the information you have entered thus far and allow you to log back in to complete your form at a later date.

- **FIRST NAME**
  
  New

- **LAST NAME**
  
  Teacher

- **EMAIL**
  
  newscientistteacher@yahoo.com

- **PHONE NUMBER**
  
  US/CANADA
  OUTSIDE US
**Video Nomination?**

You have the option to provide a URL to a video nomination. Please do so below if you wish.

VIDEO NOMINATION URL (OPTIONAL)
Let’s pause for questions
Submission Requirements

Completed Application

- Support letter
- Curriculum Vitae
- Narrative
- Brief Description
**Narrative Question One**

**Science Instructional Strategies**

**Teaching Philosophy**
- You learn science best by experiencing it through conducting investigations.

**Current Science Lab Equipment**
- Limited and outdated, while the technological resources are restricted to a shared, grade-level computer cart.

**Current Upgrade is Needed**
- This school year teacher had to borrow dissecting tools from her college instructor so students could dissect a fetal pig. During the dissection students were enthusiastic during the experience and about the connections to content previously taught.

**Impact of Lab Upgrade**
- Teacher wants to provide her students with these learning opportunities consistently and not be concerned with how to obtain the materials. She wants to acquire project-based kits that incorporate inquiry-based activities and critical-thinking skills to create a strong foundation for active learning.
Narrative Question Two
Current and Desired Lab Resources

My current lab setting is...

This year, my goal is...

Currently I have...

The lab upgrade would impact my teaching by...
Narrative Question Three
Laboratory Activity
Vitae/Resume

- The bullets beyond employment information are optional, but encouraged to complete for judging information.
Letter of Support
Judges Look For
Criteria for Judging

How science works
Shell Science Teaching Award
Let’s pause for questions
Need More Information?
Thank you to Shell, Carolina Biological Supply Company and NSTA for partnering to recognize outstanding elementary, middle and high school programs for exemplary approaches to lab instruction utilizing limited lab resources.