NSELA Tools for Leaders

ADVOCATE COLLABORATE EDUCATE
Objectives

- Learn about NSELA
- Roundtable Discussion: Leadership in a Pandemic
Our Mission

NSELA catalyzes leadership to maximize effective science teaching and learning in a complex and changing environment.

We connect and support emerging and experienced leaders by providing:

- high quality professional development,
- a collegial network,
- access to research and resources, and
- a voice for leaders in science education.
PROFESSIONAL DEVELOPMENT FOR STEM LEADERS

E-Navigator Newsletter

NSELA catalyzes leadership to maximize effective science teaching and learning in a complex and changing environment. If you're receiving this email and aren't a member, we encourage you to join us and get involved!

President's Corner - New NSELA Logo Announced
October 26, 2020

Science Educator Journal

ADVOCATE COLLABORATE EDUCATE
PROFESSIONAL DEVELOPMENT FOR STEM LEADERS

Outstanding Administrative Support Award (22)

Outstanding Leadership in Science Education Award (41)

Vernier Emerging Science Education Leader Scholarship (VESELS) (6 cohorts)
PROFESSIONAL DEVELOPMENT FOR STEM LEADERS

Webinars

Archived Webinars

FREE - "Discussing the Round One Units Launch" with OpenSciEd Executive Director, Jim Ryan August 29, 2019

NSELA and OpenSciEd Executive Director, Jim Ryan presented Discussing the Round One Units Launch. Originally hosted on August 29, 2019, video playback is now available for the public!

"Makerspaces, Fab Labs & STEM Labs: Safer Designs and Practices!" May 30, 2019 NSELA MEMBERS - CLICK HERE TO ACCESS

NSELA, Dr. Ken Roy, and Dr. Tyler Love presented Makerspaces, Fab Labs & STEM Labs: Safer Designs and Practices! Originally hosted on May 30, 2019, video playback is now available for NSELA Members.

STEM For All Students" February 14, 2019 NSELA MEMBERS - CLICK
PROFESSIONAL DEVELOPMENT FOR STEM LEADERS

NSELA Sponsored Sessions at NSTA National and Regional Conferences
PROFESSIONAL DEVELOPMENT FOR STEM LEADERS

Focus on Large Youth Organizations

Establish a Learning Community, a collaborative effort of four major youth organizations in developing and disseminating STEM programs nationwide:

- Collectively, the four organizations involved 30,000 youth and thousands of staff and volunteers
- A newsletter program held on six webinars, strengths and ideas shared
- Conducted collaborative pilot programs in Chicago, Dallas, and Austin in 2017

ADVOCATE COLLABORATE EDUCATE
GET INVOLVED!

How do I share my expertise?

● Be a member!
● Build your network! Attend NSELA events or webinars
● Submit a proposal for an NSELA publication
● Present an NSELA-sponsored session at NSTA
● Present at an NSELA Institute
● Run for an NSELA board position
● Nominate yourself or a colleague for an NSELA award
GET INVOLVED!

Serve on a Committee or Task Force

- Awards
- Diversity
- Informal Science
- Membership
- Nominations and Elections
- Affiliates
- Finance
- Communication (Possible new committee)
GET INVOLVED!

ADVOCATE COLLABORATE EDUCATE
Roundtable Discussion – Leadership in a Pandemic

NSELA Executive Committee Members
**Project 1** includes guidelines for educators, parents, and students and has now been translated into many languages with additional translations forthcoming.

**Project 2A** includes a tool for assessing the alignment of resources with the guidelines. This project also includes a repository of resources by grade band, some of which have been evaluated using the alignment tool.

**Project 2B** includes Teacher Guides describing high impact strategies that are recommended when using the aligned resources to ensure meaningful science learning experiences for all, as stated within the Project 1 guidelines. The teacher guides will be useful for teachers as well as parents who are assisting with science learning at home.

Join to see NSELA Archived Webinar: May 5, 1:00 pm CST

Reimagining the Possibilities, Speaker: Kathy Renfrew
Using Annotation Tools to Vote
Renaming to choose session (choice number depends on vote)
1. What are best practices for attending to access and equity for all students in this COVID world?

2. How can leaders stay connected to and show care for staff members during COVID (uncertainty and stress)?

3. What does instruction look like when students are working at home in family settings?

4. What are best practices for assessing and grading student learning during COVID? How are you dealing with increased failure rates?

5. What are important considerations for re-starting school or transitioning from remote to in person learning?
You will be placed in a breakout with one of the NSELA EC as a facilitator to have an open roundtable discussion. You will have approximately seven minutes.

Choose a spokesperson to share out **themes and ideas** to the group when we return.

**Jamboard Link**
https://jamboard.google.com/d/1efgEqzIuJE0WR5z9j1P_WqmekEN7gioGSLjeo7upNQU/viewer
Debrief Breakout Sessions

1. What are best practices for attending to access and equity for all students in remote learning environments?

2. How can leaders stay connected to and show care for staff members during this time of uncertainty and stress?

3. What does instruction look like when students are working at home in family settings?

4. What are best practices for assessing student learning during school closures?

5. What are important considerations for re-starting school or transitioning from remote to in person learning?
The world and its educators and students currently find themselves in unprecedented circumstances. The importance of science as a human endeavor is clear and staying connected during these difficult times is crucial. Join NSELA Board and Committee members for a coffee talk to learn more about the NSELA mission, professional learning offerings, and upcoming webinars. This will also be an opportunity to engage in a generative conversation and to share ideas for supporting science learning and staying connected to staff and students during school closings and beyond.

Resulting document [HERE](#)