Illinois Science Teaching Association

Winter 2023 Newsletter

Who we are!

The **vision** of the Illinois Science Teaching Association (ISTA) is to establish ISTA as a resource for science education so that all students are scientifically and technologically literate, responsible and productive citizens.



Science in the News

Providing Teachers with Feedback that Fosters Growth

6 Components of Effective Math Games

Many parents don't know when kids are behind -Are report cards telling enough?

Report highlights disparities in rural schools

A dynamic biointerface controls mussel adhesion

Al improves weather prediction, and cutting emissions from landfills

Inflammation in the brain linked to aging and cognitive decline

Floating factories of artificial leaves could make green fuel for jets and ships

<u>Cosmic blast seared Earth's atmosphere from 2</u> <u>billion light-years away</u>

During Pregnancy, a Fake 'Infection' Protects the Fetus

House Commission to Study Feasibility of Solar Arrays on Highway Medians

Delhi AQUI: Can artificial rain fix toxic air in smoggy capital?

Congratulations!

To the 2023 Illinois Outstanding Science Teachers!



Ramon Gutierrez

Second grade teacher Paul Revere Elementary School Cook County School District 130



Melissa Ramirez

6th-8th grade science teacher Virgil I. Grissom Elementary School Chicago Public Schools



William "Bill" Kane

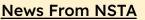
9-12 Science teacher Lockport Township High School East Campus Lockport Township High School District 205

Join NSTA in Denver

NSTA National Conference March 20-23, 2024

For more information or to register

https://www.nsta.org/national-conference-science-education -denver-2024



Curious about teaching with cases? We'd like to invite you to explore NSTA's premier case study collection from the former NCCSTS. The cases are free and open access <u>NCCSTS Case</u> <u>Studies | NSTA</u>. A one-year, \$30.00 subscription is required for access to the teaching notes and answer keys <u>Case Studies</u> <u>Subscription | National Science Teaching Association (nsta.org)</u>. You will need a free/guest NSTA membership <u>NSTA - National</u> <u>Science Teaching Association</u>. Our cases are written by teachers, class tested and double-blind reviewed. Teachers and students find them well written, interesting and a great learning tool.



<u>NASA - April 8, 2024</u> <u>NSTA - The Upcoming Solar Eclipse</u> <u>NASA - Solar Eclipse Educational Resources</u> <u>American Astronomical Society</u>

Share with ISTA

Want to share something in our Newsletter? Please contact <u>secretary@ilscience.org</u>.



March 1-2, 2024 at Downers Grove North High School https://sites.google.com/view/2024scienceinstitute/home

Check out ISTA at:

https://ilscience.org/ FaceBook - Illinois Science Teaching Association Twitter - @ILSciTeaching