

Soil Science & Sustainability Teacher Seminar



JULY 27-28, 2020

Workshop Location | W Stemme Farms | 165 River Valley Drive | Chesterfield, MO 63017

Featured Tours:

**The St. Louis Science Center,
Bayer and Oakley Fertilizer**

Course Description:

This course is designed for teachers who wish to further their knowledge and understanding of soil and why it is Life's Main Ingredient. Students participating in the professional development will be provided the necessary knowledge, free resources and experience to take back to their classrooms with ready to go hands on STEM lesson plans.

Lunch will be provided. Credit will be offered through Lindenwood University. It is not necessary to take the course through Lindenwood to attend.

Schedule:

Monday 8:00 am - 5:00 pm
Tuesday 8:00 am - 4:30 pm

Workshop Topics:

- Plant Nutrients and Fertilizer History
- Introduction to 4R Sustainability & Industry Practices
- Industry Panel -Q&A on Sustainability
- H2Know- A Digital Case Study on Harmful Algae Bloom and Lake Erie
- Agricultural Careers and Classroom Activities
- Nourishing the Planet in the 21st Century/Nutrients for Life Foundation Lessons
- Environmental Science - Feeding the World and Protecting the Environment
- Dig Deep into the Nitrogen Cycle
- Classroom Implementations

Thank you so very much for all of the information, materials, and time that went into preparing for the workshop. The information will be shared with other teachers in the district. The materials and information that I gained during the workshop will be put to good use in my classroom and will make the educational experience for my future students richer and more engaging. Thank you! --PD Attendee 2019

Workshop registration now open:

Credit will be offered by Lindenwood University. To take the class for college credits visit:
LINK COMING SOON.

To take the class without college credits register at:

<https://app.etapestry.com/onlineforms/NutrientsforLifeFoundation/PDStLouis.html>

If you would just like to attend the two day course and not take it for credit through Lindenwood, you will be asked for a \$10 refundable deposit upon completion of the course.