

Hands-On, Minds-On Instructional Practices

Ready to Use Hands-On Experiments for Every Unit in Earth Science

Join Sarah Laws, Yancey County Schools 2021 Teacher of the Year and Northwest Regional Teacher of the Year Runner-Up, as she demonstrates hands-on labs tied to the North Carolina standards for each unit in earth science. Leave this session with lessons you can implement immediately, including cookie mining for the Lithosphere Unit, density boxes for the Hydrosphere Unit, properties of air lab for the Atmosphere Unit, biodiversity of leaf litter for the Biosphere Unit and a solar paper activity for the Astronomy Unit. Participants will perform portions of each lab to feel confident when bringing back for use in their classroom. Mrs. Laws will give each participant access to the lab files and ideas on how to diversify each lab so that all students benefit from these hands-on learning opportunities.

Presentation Target:

High School

Presenter(s):

1. Sarah Laws, Science Teacher, Mountain Heritage High School

