

Name of Submitter: Grace Carroll

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Presentation Title: *The Science House Presents: CODAP and SageModeler for Impactful and Engaged Learning in Today's NC Science Classrooms*

In this session, participants will receive introductory training in two technology tools from The Concord Consortium (CODAP and SageModeler) before having an opportunity to experience brief lessons and snapshots of how these tools can be incorporated into real science classrooms. These tools help students engage in science and engineering practices like analyzing and interpreting data, developing and using models, asking questions, and using math and computational thinking. Participants will leave with information on how to learn more and do more with these tech tools, as well as the presenters' contact information for troubleshooting support after the conference concludes.

Presentation Target:

Middle School

Presenter(s):

1. Grace Carroll, STEM Education Research and Outreach Specialist, The Science House
2. Marsha Sirkin, Director of the Coastal Satellite Office, The Science House