

STEM 101: EXPLORING THE BASICS

Name of Submitter: Leah Bug

Submitter Email: lbug@ncsu.edu

Solving Everyday Problems with The Engineering Design Process

The North Carolina State Science Standards are placing a stronger emphasis on the Science and Engineering Practices (SEPs) in classroom instruction. We will introduce you to the engineering design process with participants solving a real-world problem, discussing the new standards and how teachers can apply these practices into your classroom instruction.

Presentation Target:

Elementary School

Presenter(s):

1. Leah Bug, Interim Director, The Engineering Place at NCSU
2. Nancy Shaw, Coordinator of K-20 Outreach & Solar House Manager, Lecturer & Academic Advisor, NCSU
3. Susan D'Amico, Coordinator of Engineering K-12 Outreach Extension, NCSU