



STEMucation

ACADEMY

Interested in learning how to develop and implement an engineering design challenge in your science classroom?

STEMucation Academy is offering a new, online professional development workshop developed at the University of Cincinnati:

Integrating Engineering in Your Science Classroom

- ❖ We will match you with an individual coach. The coach will interact virtually with you and provide you support throughout the process
- ❖ Is entirely online and self-paced. You create a unique engineering design challenge for your classroom as you work through the modules and schedule video conferences with your coach on your own timetable
- ❖ Engages you to understand and apply the engineering design process and models examples of how it can be integrated into a science unit
- ❖ Applies to any science classroom, as you determine what standards will be addressed by the engineering design challenge and build a unique challenge based on those standards and your students' needs and interests
- ❖ Builds confidence as you implement the engineering design process in your classroom and reflect on the experience with your coach as part of the professional development
- ❖ Engages your students as they see the connection between science content and the real world and work in teams to develop unique solutions to problems

Please email julie.steimle@uc.edu if you wish to participate and she will give you more details. Teachers can begin at any time and will have 3 months from their start date to complete the workshop. You will receive **25 contact hours** for participating. This is not a course offered for academic credit.

Questions? Contact Julie Steimle at julie.steimle@uc.edu or 513-556-6454.

Cost: \$250 per participant