

HANDS-ON, MINDS-ON INSTRUCTIONAL PRACTICES

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Humans vs. Nature: Integrating STEM through the Engineering Design Process

Experience an integrated STEAM unit and how it can address science, mathematics and social studies standard course of study. Participants will be provided an overview of the unit and how the engineering design challenge of protecting swimmers from jellyfish in the ocean provides a real-world problem to solve. Discover how this interdisciplinary approach sparks innovation and prepares students for real-world success. Join us as we explore the power of collaboration and creativity in shaping the next generation of STEM leaders. Lesson plan will be shared with participants.

Presentation Target:

Elementary School

Presenter(s):

1. Dr. Leah Bug, Director, The Engineering Place