

# 7th Grade

## Curriculum-Embedded STEM Experience

### *Wind and Waves*

Students will explore energy transfer as they create a model of an offshore wind and wave energy farm. Students will work together to optimize design solutions to tackle multiple challenges, such as maximized energy output, and create an efficient, cost-effective design within a defined set of parameters. This experience is tied to the Grade 7 science curriculum for Unit 2: Why Do Some Things Stop While Others Keep Going?

Cost: \$7.50 per student

30 students maximum per program

Preferred chaperone to student ratio is one adult per ten students.



For more information, contact  
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