

## Green Energy – How to Harness Renewable Energy



Students explore solar, wind, and water energy in a series of hands-on experiments and simulations. This class requires outdoor access on a sunny day to test student-built solar ovens and waterpower.

Please let us know if any students in your class are allergic to s'mores ingredients (graham crackers, milk chocolate, marshmallows).

Grade level: K to 5<sup>th</sup> grade

Number of students: 25 students max

Duration: 1 hour

Cost: \$3 per student

### Maryland Science Standards addressed:

[K-PS3-1: Sunlight Warms the Earth](#)

[K-PS2-1: Pushes, Pulls, and Motion](#)

[K-PS2-2: Motion Design Solution](#)

[2-ESS2-3: Water on Earth](#)

[3-ESS3-1: Weather-Related Hazard Solution](#)

[3-PS2-2: Predicting Future Motion](#)

[4-ESS3-1: Renewable and Non-renewable Energy](#)

[4-PS3-1: Motion Energy](#)

[4-PS3-2: Energy Transfer](#)

[4-PS3-4: Energy Conversion Device](#)

[5-ESS2-2: Water Availability and Distribution](#)

[5-ESS3-1: Protecting Earth's Resources and Environment](#)



Please contact [coastkids@actforbays.org](mailto:coastkids@actforbays.org) for more information and booking.