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STEM Enrichment Programs

Suitable for grades - K - 12

Delivery options for classroom, after-school or at our facilities

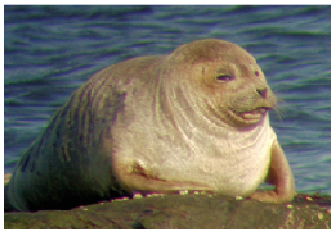
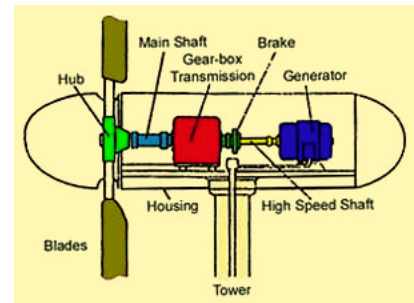


Experiential, hands-on, inquiry-based STEM program

- Experiments in speed-time-distance
- Explorations in design engineering
- Team-work and success in outcomes
- Customized program series allows for collaboration on curriculum-links.

Green Technologies: Wind and solar energy

- Physics made easy with wind turbine and solar assemblies made of recycled plastics and FSC wood.
- Trace the conversion of renewable energy to mechanical and electrical energy.
- Engage students in building, testing, charting and design wind and solar energy experiments.
- Reinforce lessons with using gears, generators and other mechanical devices as students build wind turbines and more....



Narragansett Bay Year-Round

Outdoor learning aboard our US Coast Guard certified passenger vessels or in our heated boat shop takes the classroom into nature

- Study marine mammals in their natural habitat
- Explore the engineering behind boat design and

marine engine, electrical, and hydraulic systems while safely learning vessel operations.

- Broaden the horizon of students of all ages, exposing them to the workings of the commercial waterfront and careers from mechanic to marine engineer.
- Build it – Float it – For Real – from one-day “Quick Boat” team constructions to year-long project resulting in a commercially saleable vessel.
- Option for pre-vocational, vocational and science, technology, engineering and math (STEM) curriculum expansion programs in diesel mechanics and other marine technologies.

