









Curriculum & Material Development

LEARN Lab Learning Module Development (Launching Fall 2020)

The LEARN Lab is Kidwind’s new online student learning platform offering content organized around specific topics for students to deepen their knowledge of renewable energy.

Working with our REcharge Instructor Network, we are building engaging modules that will help students (and educators) understand the big picture of renewable energy, in addition to detailed topics such as wind farm siting, the chemistry of battery storage and the power grid.

Access to the LEARN Lab will be free and open to all. LEARN Lab content areas include, but are not limited to, the following:

 Electricity Basics	 Wind Energy (Generators, Siting, Blades, Wind Dynamics)	 Electrical Vehicles
 Power Grid	 Solar Energy (Photovoltaic, Thermal, Chemistry, Siting, Sun Position)	 Electrical Storage (Chemistry, Terminology)

Overall Programming Budget: \$5,000

Item	Cost	Cost Breakdown	Details
Lesson Design	\$2,000	20 hours at \$100 per hour	Support the development of a content course for the Gale Force Academy. Define learning objectives, create and curate video and image content, design activities and assignments, translate course to online platform.
Web Design	\$3,000	30 hours at \$100/hour	Web designers will then translate this lesson into an interactive and dynamic module build for the Learn Lab.

