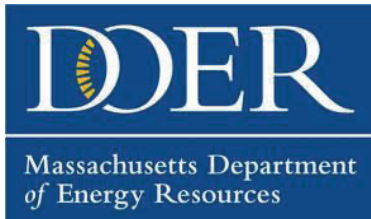


Manchester Essex Regional Middle High School

CASE STUDY



Massachusetts Department of
Elementary & Secondary Education

SUMMARY

Manchester Essex has created an intensive Green Scholars Program, educated students about sustainable food and agriculture, and adopted many strategies to make its facilities more sustainable.

Teaching Green Principles

- ♦ A wide range of courses, from Engineering, Biology, and Global Studies to Health, Debate, and Ceramics incorporate sustainability and environmental health into the curriculum
- ♦ The Green Scholars Program is an honors program for high school students and integrates STEM, art, environmental literacy, and service learning into a single class.
- ♦ Sustainability literacy will be a graduation requirement by 2015

Adopting Green Practices

- ♦ Manchester Essex's campus contains a 650 gallon rainwater collection tank and has received certification from the Collaborative for High Performing Schools
- ♦ 60% of the school's food is sustainably sourced
- ♦ The "edible schoolyard" provides opportunities for students and parents to learn about sustainable agriculture firsthand

Manchester Essex

Regional Middle High School:

Location: Manchester-By-the-Sea, MA
Enrollment: 826

The Manchester Essex School District constructed its high school with recycled materials and energy efficient design principles in mind.



ENERGY COST SAVINGS AND ACADEMIC SUCCESS

- ♦ Manchester Essex reduced waste by 90% with Lucidomatic waste sorting system
- ♦ They slashed heating per square foot by 58% since 2010
- ♦ 100% of students who took the AP Environmental Science exam scored a 3 or better