



Kids Design a Sustainable Future

A green architecture and design curriculum for Grades 5 - 8



In this interdisciplinary, project-based curriculum **LBD:MA** engages students, teachers and architects in hands-on design activities that explore the connections between people, places and nature.

Developed from ideas contributed by teachers, environmental educators, green architects and engineers, the **Kids Design a Sustainable Future (KDSF)** curriculum:

- increases student knowledge of green/sustainable architecture and design
- increases student understanding of the interconnectivity of Building Systems, People/Community Systems and Natural Systems
- gives students the opportunity to use the Design Process and 21st century skills (creativity and innovation; critical thinking and problem-solving; communication and collaboration) to develop ideas for a sustainable future

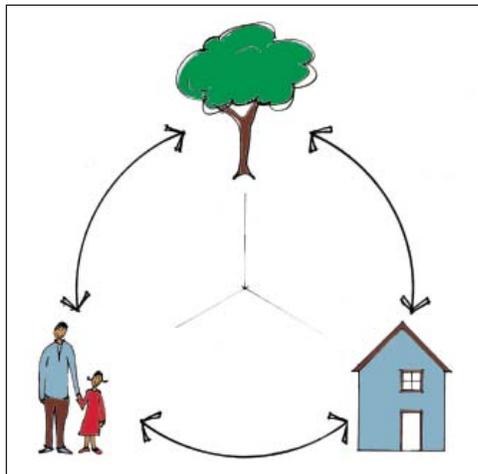


Comprehensive, Dynamic Curriculum

In this multi-session classroom curriculum students explore how a designer's choices about Site, Sun, Wind, Water and Building Materials affect sustainable architecture, our communities and the environment. Using interactive slide sets to introduce concepts; Massachusetts green buildings as case studies and field trip destinations, **KDSF** invites students to engage in critical thinking about their world.

In 1 - 2 session programs, students focus on a single **KDSF** theme by viewing an interactive slide presentation and completing a related hands-on activity.

In 3 - 8 session programs, students explore all of the **KDSF** themes - Site, Sun, Wind, Water and Building Materials - and develop their ideas in sketchbooks, creating a more connected design workshop that culminates in a "Design an Eco Center" project.



Professional Development

LBD:MA offers workshops for educators, architects and designers that introduce practical, enjoyable ways to integrate green/sustainable architecture and design projects into the teaching of Science, Technology and Engineering; Mathematics; Environmental Education; Social Sciences; the Visual Arts; and English Language Arts.

For more programs and information contact:
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