

STEM Education



STEM-Focused Group Tour Experiences in MetroWest Boston

Discover a range of exciting and educational destinations perfect for group tours that focus on STEM (Science, Technology, Engineering, and Math). These unique venues offer hands-on learning opportunities that inspire curiosity, innovation, and critical thinking, making them ideal for student groups, educational organizations, families, and seniors seeking engaging and interactive experiences.

Christa McAuliffe Center – Framingham, MA (all ages)

Step into a world of science and discovery at the Christa McAuliffe Center! This interactive hub immerses students in the wonders of space, astronomy, and environmental science. With a cutting-edge planetarium and dynamic Challenger simulation lab, groups can run a space mission from planning to launch to spacecraft return, inspiring critical thinking and teamwork. Named after local astronaut and teacher Christa McAuliffe, this center transforms STEM learning into an unforgettable experience that encourages curiosity and innovation.



New England Sci-Tech – Natick, MA (ages 13+ | 9-12 with adult supervision)

Ignite your passion for STEM at New England Sci-Tech, where technology and creativity come together. This dynamic center offers interactive workshops in robotics, coding, electronics, astronomy, and more, empowering students to build, experiment, and innovate while expanding their knowledge of physics, engineering, math, and computer science.

Modelville Hobby – Ashland, MA (all ages)

A high-speed experience for STEM enthusiasts! This hands-on venue features slot car racing that teaches visitors about physics, engineering, and mechanics in an exciting way. Get ready to explore the science behind speed, friction, and momentum as you race on custom-built tracks. Perfect for students and curious minds of all ages, this interactive environment brings STEM concepts to life through the thrill of competition.



EcoTarium – Worcester, MA (all ages)

At the EcoTarium, science and nature meet for a day of exploration and discovery! With engaging planetarium shows, hands-on exhibits, and live animal habitats, visitors of all ages can explore the natural world in fun, educational ways. The museum's group programs, lectures, and scenic nature trails make it an ideal destination for those looking to dive deeper into scientific concepts, from the environment to astrophysics.



Boston Honey Company – Holliston, MA (all ages)

Buzz into the world of bees and sustainability at the Boston Honey Company! This educational hotspot provides a unique opportunity to explore environmental science through the lens of beekeeping. Visitors of all ages can discover the vital role bees play in our ecosystem while learning about sustainable practices and the fascinating world of pollinators. A sweet destination for eco-conscious learners!

Southwick's Zoo – Mendon, MA (all ages)

Meet wildlife face-to-face at Southwick's Zoo, where learning is always an adventure! From keeper talks to animal encounters to hands-on activities, students explore animal conservation, ecosystems, and zookeeping through the EARTH Discovery Center educational programs at the largest zoo in New England. Adults also love the opportunity to feed and interact with white rhinos, giraffes and sloths up close and personal.



Broadmoor Wildlife Sanctuary – Natick, MA (all ages)

Explore nature while diving into STEM at Broadmoor Wildlife Sanctuary, a 624-acre living classroom! With its wetlands, meadows, and woodlands, Broadmoor is the perfect place for students to engage with ecology, conservation, and environmental science. Hands-on group programs and guided field studies offer a chance to learn about wildlife habitats, climate change, and water conservation while hiking the sanctuary's scenic trails.

Massachusetts Horticultural Society's Garden at Elm Bank – Wellesley, MA (all ages)

All programs focus on plants and horticulture as a way to learn about the world around us. Hands-on lessons on Plant Parts and Functions, Weather and Climate, Soil Ecosystems and Decomposition, Pollination, and Botanical Art fully explore ideas in a fun way. Group activities for adults include botanical drawing and painting workshops, planting workshops like Indoor Herb Gardens or Terrarium building, and plant-based crafts like wreath-making.



Native Plant Trust's Garden in the Woods – Framingham, MA (Grade 3 grade only)

The Garden's school programs promote awareness, understanding, and appreciation of the botanical and natural world through experiential and inquiry-based learning. Their interactive program on Plant Survival and Adaptation is taught by experienced Teacher Naturalists designed to align with curriculum standards, and is accompanied by pre- and post-classroom activities. For 2025, this program is for grade three only, with additional grades added in future years.



Come see what we have to offer in the heart of Massachusetts!
For links to venues and additional info, please visit us online at www.metrowestvisitors.org.
For help coordinating your group tour,
contact Executive Director Stacey David at sdavid@metrowestvisitors.org