


BOSTON



IVY LEAGUE PROGRAM & STEM



OVERVIEW

- Go on field trips in and around Boston
- Apply your knowledge of STEM fields
- Develop your teamwork skills
- Participate in STEM challenges
- Learn the design process
- Participate in extracurricular activities
- Learn about American Culture
- Visit great places on excursions
- Learn how science can work in the real world
- Learn or improve Coding skills
- Take part in a team competition

COURSE STRUCTURE

- The program will engage your natural curiosity about the world and your interest in modern technology and applications. You will explore ideas, experiment with materials and build your own devices while field trips and on campus. You will meet local artisans, engineers, scientists and entrepreneurs. The city of Boston and its environs will serve as an extension of our classroom. We hope that this program will inspire you to apply your knowledge of STEM fields wherever you are

14-17 YEARS (GROUPS)

DURATION: 2 OR 3 WEEKS

IVY LEAGUE SAMPLE PROGRAM

	Morning	Afternoon	Evening
Sunday	Arrival & Local Orientation		Welcome Evening & Ice Breaker Activities
Monday	SAT Words Introduction SAT Writing & Language Pre-Test	Included Half-Day Excursion: Harvard University Tour & visit to Harvard Square	Trivia Night
Tuesday	SAT Words Warm-Up Positive Mental Attitude	College Counseling Session: What colleges are looking for & researching colleges	Karaoke Night
Wednesday	ACT English Pre-Test Differences between SAT & ACT	Included Half-Day Excursion: MIT Tour	International Night
Thursday	How SAT Scores Work SAT Reading Strategy Posters	College Counseling Session: The College application & creating your College List	Students vs. Staff Volleyball Game
Friday	Grammar Pitfalls/ SATs Grammar Practice	Included Half-Day Excursion: Museum of Fine Arts Trip	Disco
Saturday	Included Full Day Excursion: Cape Cod & visit to the Beach		Chill Out Evening
Sunday	Departure		

STEM SAMPLE PROGRAM

	Morning	Afternoon	Evening
Sunday	Arrival & Local Orientation		Welcome Evening & Ice Breaker Activities
Monday	Introduction to DIY Electronics	Exploring Paradoxes	Trivia Night
Tuesday	DIY Electronics: Coding & Brainstorming	DIY Electronics: Build your Project	Karaoke Night
Wednesday	Included Full Day Excursion: Tour of Woods Hole Oceanographic Institute and Marine Biological Laboratory		International Night
Thursday	Projectile Motion Lab: Learn & Build	Projectile Motion Lab: Launch, Gather Data &	Students vs. Staff Volleyball Game
Friday	Creative Problem Solving: Learn, Plan, Deliver & Reflect	Included Half-Day Excursion: Boston Museum of Science	Disco
Saturday	Included Full Day Excursion: Cape Cod & visit to the Beach		Chill Out Evening
Sunday	Departure		