

# 2026 NATIONAL YOUTH LEADERSHIP FORUM: EXPLORE STEM

## *Sample Schedule of Events\**

### **Day One: Arrival of Students and Program Welcome**

Registration and Check-in  
Program Orientation  
Scholar Welcome Address  
Group Introductions

### **Day Two: Explore Robotics Programming**

Robotics Programming Exploration  
*Learn about robotics building and programming*  
Setting Group Expectations  
Speaker Series: Keynote by an Engineer or Former NASA Astronaut\*\*  
Engineering Simulation:  
Robotics Design & Programming Challenge  
Careers in Engineering Workshop  
Lab Session 1  
*Introduction to design thinking process*

### **Day Three: Explore Medicine and Health Care**

Emergency Medicine Exploration  
*Learn the basics of medicine, diagnose, and provide critical care*  
Medical Dissection  
Careers in Medicine Workshop  
Lab Session 2  
*Ideate and prototype project*  
Speaker Series: Medical Professional Keynote

### **Day Four: Explore Crime Scene Investigation (CSI)**

CSI Exploration  
*Learn the role of forensic science in crime scene investigations and how to collect and analyze evidence*  
Social-Emotional Learning Workshop:  
Developing Social Awareness  
Forensic Science Simulation:  
Laboratory & Investigation Challenge  
Careers in Forensic Science Workshop  
Lab Session 3  
*Test and finalize project*  
Speaker Series: Forensic Science Professional Keynote

### **Day Five: Explore Engineering Design**

Civil Engineering Exploration  
*Learn the basics of civil engineering and effective structural designs*  
Social-Emotional Learning Workshop:  
Building Relationship Skills  
Civil Engineering Simulation:  
Structural Design Challenge

### **Day Six: Final Presentations, Farewell and Departure**

Lab Final Presentation  
Present Project  
Final Group Meetings  
Departures

\*This sample schedule is provided as an example of the overall quality and scope of the experience offered. The 2026 specific schedule, locations, and details may be modified, and activities may vary for Day Program attendees. We are continuously evaluating all aspects of the program and incorporating the most up-to-date health and safety standards.

\*\*Students will hear from former NASA astronauts in Berkeley, CA; Houston, TX; & New York, NY.