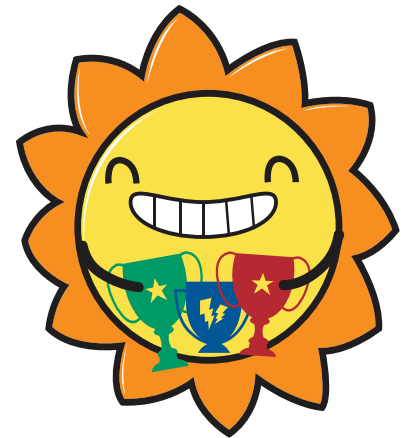


NEED YOUTH ENERGY CONFERENCE AND AWARDS

JUNE 21-25, 2018



FULL STEM AHEAD: PRE-CONFERENCE EVENT

THURSDAY, JUNE 21, 2018

- 1:30 p.m.** **Full STEM Ahead: Registration**
- 2:00 p.m.** **Full STEM Ahead: Welcome and Introduction**
President's Foyer (3rd floor)
Welcome to the first official event of the 2018 Youth Energy Conference! Learn about what you can expect over the next few days and meet your fellow Pre-Conference participants.
- 2:30 p.m.** **Full STEM Ahead: Meet Your Team**
Lincoln/Roosevelt (3rd floor)
Meet your fellow students from around the country.
- 3:00 p.m. – 5:00 p.m.** **Full STEM Ahead: Mission to Mars**
"It is every man's obligation to put back into the world at least the equivalent of what he takes out of it." – Albert Einstein
Students will work in teams to create a self-sustaining habitat and rover to explore Earth's closest neighbor.
- 5:00 p.m.** **Adjourn**
Dinner on your own. School groups have a chance to go out and explore Crystal City's many restaurants.

FRIDAY, JUNE 22, 2018

- 7:30 a.m – 8:30 a.m.** **Full STEM Ahead: Breakfast**
Chesapeake View - Rooftop
- 9:00 a.m.** **Full STEM Ahead: Welcome Back and Goals for Today**
Lincoln/Roosevelt (3rd floor)
A great team works well together because they communicate. You'll need those skills to complete this morning's challenge.
- 9:15 a.m.** **Full STEM Ahead: Keep The STEM Going!**
Student groups will continue their work to sustain life on Mars.
- 10:45 a.m.** **Full STEM Ahead: Career Panels**
Hear from professionals! What do they do at work? How did they get their jobs? What did they go to school for? Think of some of your own questions too!
- 11:45 a.m.** **Full STEM Ahead: Lunch with Career Mentors and NEED Board Members & Staff**
Join us for lunch with your career mentors. A great chance to ask any last minute questions, or pick up business cards!

MAIN CONFERENCE

FRIDAY, JUNE 22, 2018

- 9:00 a.m. – 10:00 p.m.** **Information Booth Open**
Ballroom Level
- 9:00 a.m. – 2:00 p.m.** **Conference Registration**
Ballroom Level
- 9:00 a.m. – 6:00 p.m.** **Hotel Room Check-in and Luggage Storage**
Independence Center
- 2:00 p.m. – 5:00 p.m.** **Your Energy in STEM Challenge:**
Elementary - Tidewater II (2nd floor)
**Each elementary school group should supply one adult chaperone for every 10 students they send to this session*
Junior - Kennedy / Jefferson (3rd floor)
Senior - Lincoln / Roosevelt (3rd floor)
- 3:00 p.m. – 5:00 p.m.** **Parent Welcome**
Independence Center
- 3:30 p.m. – 4:30 p.m.** **Teacher Meeting**
Arlington (3rd Floor)
- 5:00 p.m.** **Student Pick Up**
- Working in small groups, students work to address a real world challenge. The challenge goals, parameters, expectations, and timeframe will be provided at this time. Each group will consist of grade level peers from different schools and will be paired with a NEED Youth Staff member to help them meet their challenge and create their presentation.
- While your students work on their Energy in STEM Challenge, stop by and learn more about NEED, who we are, what we do, and what to expect this weekend.
- While your students work on their Energy in STEM Challenge, teachers meet to discuss the weekend, share tips, and ask questions about their time in Washington D.C. Explore some new NEED activities too!
- Teachers will pick up their students in their STEM Challenge rooms. Students will not be released from their rooms without a teacher/chaperone.

6:00 p.m. – 7:00 p.m.
Regency ABCD

Welcoming Banquet

It's a Fiesta Night! Enjoy dinner with NEED students and sponsors.
***Bring trading items to dinner!**

7:00 p.m. – 8:30 p.m.
Regency ABCD

Welcoming Program and State Trading

Meet Youth and NEED staff and get acquainted with your fellow award winners through NEED activities and icebreakers. Attendees exchange trinkets and memorabilia from their home states with other attendees.

Special thanks to American Electric Power Foundation for sponsoring the Youth Awards Welcome Dinner.



aep.com

After Welcoming Program

Ice Cream Social

During the Ice Cream Social

Book Signing

NEED's Curriculum Director Emily Hawbaker will be signing copies of NEED's New book *Energy Lab for Kids*.

11:00 p.m.

Lights Out!



SATURDAY, JUNE 23, 2018

7:00 a.m. – 12:00 p.m. Information Booth Open
Ballroom Level

7:00 a.m. – 8:30 a.m. Breakfast
Regency ABCD

8:30 a.m. – 11:00 a.m. Energy in STEM Challenge Work Session
Elementary - Tidewater II (2nd floor)
Junior - Kennedy / Jefferson (3rd floor)
Senior - Lincoln / Roosevelt (3rd floor)

Join your group from yesterday and work together on your Solution to the Energy in STEM Challenge.

8:45 a.m. – 10:00 a.m. Teacher Workshop & Tour Ticket Pick Up
Arlington

Teachers receive additional professional development on Energy while students work with NEED's Youth Staff and Mentor Teachers. At the end of the teacher session, Lead Teachers may pick up tour tickets.

8:45 a.m. – 10:00 a.m. Parents Have Fun Too!
Regency ABCD

Wonder what your students have been up to all year? Spend a few hours having some fun with STEM! Stretch your science mind and partake in a little light-hearted competition among adults.

10:00 a.m. – 11:00 a.m. Energy Stem Student Presentations
Tidewater II (2nd floor)

Elementary – Inventors Fair
Junior – Getting to Zero Challenge
Senior – Shark Tank Presentations

Teachers and families are invited to visit each room and see what the students have been working on.

11:00 a.m. Student Pick Up

Teachers will pick up their students in their STEM Challenge rooms. Students will not be released from their rooms without a teacher/chaperone.

11:00 a.m. – 10:00 p.m. Tour Washington, D.C.

Open touring of Washington's memorials, Capitol Hill, Smithsonian museums, and other points of interest aboard the Big Bus Sightseeing double decker bus or via Metro.

Youth Staff will walk groups to Metro.

Evening Options include: Big Bus Night Tour, Kennedy Center, Baseball, Arena Stage, Ghost Tours, Monuments Tour on your own, etc. Enjoy dinner on your own at one of Washington's culinary hot spots and favorites!

11:00 p.m. Lights Out!



SUNDAY, JUNE 24, 2018

7:00 a.m. – 6:00 p.m. Information Booth Open
Ballroom Level

7:00 a.m. – 8:30 a.m. Breakfast
Regency ABCD

8:30 a.m. – 4:00 p.m. Tour Washington, D.C. via Big Bus or Metro
Helpful Hint: You should plan to arrive back at the Hyatt no later than 4 p.m. to change and get ready for the cruise!

5:15 p.m./6:00 p.m. Board Buses for the Spirit of Washington Dinner Cruise
Lobby
5:15 p.m. Shuttle A Departs
6:00 p.m. Shuttle B Departs

6:45 p.m. – 10:00 p.m. Spirit of Washington Dinner Cruise
600 Water St SW, Washington, DC 20024

Buses will take you to the pier for a tropical-themed cruise down the Potomac River and give you a chance to get to know more NEED friends. Be sure to wear your tropical gear! After the boat returns to the dock, NEED staff will ask groups to stay together in lines to facilitate easy bus loading, to return to the hotel.

11:00 p.m. Lights Out!

MONDAY, JUNE 25, 2018

- 7:00 a.m. – 10:30 a.m.** **Information Booth Open**
Ballroom Level
- 7:00 a.m. – 8:00 a.m.** **Check-out and Luggage Storage**
Potomac Room 1 & 2
Ballroom Level
Get ready for Youth Awards Ceremony, pack up, and check out. Luggage may be stored in this area until 9 p.m.
- 8:00 a.m. – 10:30 a.m.** **38th Annual NEED Youth Awards Ceremony and Breakfast**
Regency ABCD
- 8:00 a.m.** **Breakfast Begins**
- 8:30 a.m.** **Awards Ceremony Begins**
Presentation of the Colors
Welcome Speaker
Keynote Speaker
State Awards Presentation
National Awards
Student Presentations
- 10:30 a.m. – 12:00 p.m.** **Check-out and Luggage Storage**
Potomac Room 1 & 2
Ballroom Level
Pack up and check out. Luggage may be stored in this area until 9 p.m.

THANKS TO OUR GREAT YOUTH ENERGY
CONFERENCE AND AWARDS SPONSORS

