THURSDAY, JUNE 21, 2018

1:30 p.m.  
Full STEM Ahead: Registration

2:00 p.m.  
President’s Foyer (3rd floor)  
Full STEM Ahead: Welcome and Introduction  
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.  
Lincoln/Roosevelt (3rd floor)  
Full STEM Ahead: Meet Your Team  
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.  
Chesapeake View - Rooftop  
Full STEM Ahead: Breakfast

9:00 a.m.  
Lincoln/Roosevelt (3rd floor)  
Full STEM Ahead: Welcome Back and Goals for Today  
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!
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
Independence Center
Luggage Storage

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

6:00 p.m. – 7:00 p.m.
Welcoming Banquet
Regency ABCD
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.
Welcoming Program and State
Trading
Regency ABCD
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.

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After Welcoming
Program
Ice Cream Social
During the Ice Cream
Social
Book Signing
NEED’s Curriculum Director Emily
Hawbaker will be signing copies of

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.

10:00 a.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!

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**SUNDAY, JUNE 24, 2018**

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

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

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

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

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

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