



The NEED Project
2020 National Energy Conference for Educators
July 19-23, 2020 · Albuquerque, NM
Tentative Agenda

July 19 - Sunday **Registration, Introduction to NEED**

- 2:30 p.m. - 4:15 p.m.** **Registration and a Blade Design Challenge**
- 4:15 p.m.** **Introduction to the National Energy Conference for Educators**
- 5:00 p.m.** **Kids Teaching Kids – Student Recognition**
See examples of the winning projects and how other teachers have used NEED both in the classroom and in after school settings.
- 5:15 p.m.** **NEED Resources, Q&A, Planning Guide Connections, Evaluation**
- 5:30 p.m.** **Dinner**

July 20 - Monday **Science of Energy, Sources of Energy, and Electricity**

- 6:30 a.m.** **Breakfast**
- 8:00 a.m.** **Science of Energy**
These breakout sessions explore the forms of energy and energy transformations.
- 10:10 a.m.** **Connecting Energy Education to Your Science Standards**
- 10:30 a.m.** **Break**
- 10:45 a.m.** **Forms of Energy to Energy Sources – Energy Expos**
- 12:30 p.m.** **Lunch**
- 1:30 p.m.** **Energy Expo Explorations**
- 2:00 p.m.** **Introduction to Electricity Generation**
- 2:30 p.m.** **Baseload Balance**
- 3:00 p.m.** **Sources of Energy Sessions**
These sessions explore the sources of energy, their advantages and disadvantages and current uses of the source.
- 4:15 p.m.** **NEED Resources, Q&A, Planning Guide Connections and Evaluation**
- 4:40 p.m.** **Synthesizing the Conference**
- 5:00 p.m.** **Dinner on your own**

July 21 – Tuesday **Sources of Energy**

6:30 a.m.	Breakfast
8:00 a.m.	Exploring Energy Break-out Sessions
9:30 a.m.	Break
9:45 a.m.	Introduction to Nuclear Energy
10:00 a.m.	Nuclear Simulation
10:30 a.m.	Understanding Carbon and Climate Change
12:00 p.m.	Lunch
1:00 p.m.	Afternoon Activity Break Out Session
2:00 p.m.	NEED Resources, Q&A, Planning Guide Connections and Evaluation
2:30 p.m.	Synthesizing the Conference
3:00 p.m.	Adjourn for the Evening; Dinner on Your Own

July 22 – Wednesday **Electricity and Energy Efficiency and Conservation**

6:30 a.m.	Breakfast
8:00 a.m. – 12:00 pm	Introduction to Energy Efficiency and Conservation, Investigating Energy Use, Energy House, and This Week in Energy Conservation, Energy Stories and More, Energy Rock Performances
12:00 p.m.	Lunch
1:00 p.m.	Exploring Energy Outside the Science Classroom
2:15 p.m.	Break
2:30 p.m.	Energy Explorations Participants begin to synthesize and reinforce energy knowledge.
3:30 p.m.	Synthesizing the Conference
4:00 p.m.	NEED Resources, Q&A, Planning Guide Connections and Evaluation
4:15 p.m.	Energy Carnival and Participant Share-a-thon
5:00 p.m.	Dinner

July 23 – Thursday **Transportation, Evaluation and Recognition**

6:30 a.m.	Breakfast
8:00 a.m.	Exploring Transportation Resources
8:45 a.m.	Synthesizing the Conference
9:15 a.m.	Exploring NEED’s Website and Other Resources
9:45 a.m.	What do I get? And Evaluation
10:15 a.m.	Planning Your Energy Unit
11:00 a.m.	Adjourn