



# Your Guide to a Day of Discovery

Show middle school-aged kids how science, technology, and energy power the world around them. This sample schedule outlines how you can lead a hands-on session that turns classroom-style lessons into real-world discovery.

## Propane Middle School-Aged Kit Sample Schedule

Duration: 45 Minutes

### ► EXPERIMENT (15 MINUTES):

Introduce the “Gas Expansion” experiment as a hands-on way to explore how gases behave. Begin by showing the Gas Expansion Video found at [propane.com/middle-school-kits](https://propane.com/middle-school-kits). Then, guide the group through the experiment as they observe how gas forms and expands. Encourage them to share their observations while you lead a brief discussion about how this relates to propane – explaining how propane expands inside tanks and why understanding this process is important for safe storage and delivery.

### ► FIRST ACTIVITY (10 MINUTES):

Introduce the “Two Truths and a Lie” activity as a way to test participants’ knowledge about propane and clean energy. Read three statements about propane and energy use, and ask them to identify which one is false. Afterward, lead a brief discussion about why each statement is true or false, reinforcing propane’s role as a clean, safe energy source and how it benefits communities and the environment.

### ► SECOND ACTIVITY (20 MINUTES):

Introduce the “Clean Energy Bingo” activity as a fun way for participants to discover real-world examples of propane use. Offer guidance by pointing them to [propane.com](https://propane.com) for clues and information that can help them complete their cards. Explain that as they fill each square, they’ll see how propane is part of everyday life and supports clean energy goals. At your next meeting, encourage them to share what they find and discuss how propane fits into a broader mix of reliable, lower-emission energy sources.

**DOWNLOAD  
KIT MATERIALS AT**  
[propane.com/ActivityKits](https://propane.com/ActivityKits)

