### Purpose & Preparation

**Purpose:**

To understand the difference between vapor and aerosol and to show why vaping is not safe.

**Materials Needed:**
- Computer
- Internet Access
- Copies of Handout
- Projector Optional
- "So, What’s Really in These E-Cigarettes/Vape Pens?" PowerPoint Slides 6-11

**Handouts:**
- Gas Definition Handout
- Aerosol Definition Handout
- Vapor Definition Handout
- Optional: Definition Reference Sheet

### Procedure

**Procedure:**

- Break up the class into groups of 5 or so and give each group 5 or 10 minutes to come up with the definition and examples of these three words using the “Unit 2: Activity 3: Definitions” handouts:
  1. Vapor
  2. Gas
  3. Aerosol

- The groups should first write the definition using their own words.

- Next, students should use smartphones, laptops, and/or dictionaries to help find the exact definition. Then groups can list examples.

- Have someone be the recorder for each group and have them put their definition and any examples on their group handout.

- Bring them back into the large group and review. After reviewing with them, come up with a definition for which there is the most agreement.

- Have students present their definitions and examples.

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