



## Grade 10 Lesson Plan: Unit 27 – Don't Be A Fool, Put Down the JUUL

### SOLs

- 10.1.M Identify health-related social issues, such as organ donation, homelessness, the spread of infectious diseases, underage drinking, substance abuse, and violence, and their impact on the community.

### Objectives/Goals

1. Student will be able to identify health-related risks of e-cigarette use.
2. Student will be able to explain the difference between water vapor and an aerosol.
3. Student will be able to explain how e-cigarettes work.

### Materials

- K-W-L Worksheet
- Pre-Test (or use [Kahoot!](#))
- [Electronic Cigarettes and Vaping Video](#)
- Don't Be A Fool For JUUL PowerPoint or [Prezi](#)
- Exit Slip

### Procedure

Step #	Description	Objective # Addressed
Step 1	Essential Questions: <ul style="list-style-type: none"> <li>● Are there health risks associated with e-cigarettes?</li> <li>● How do e-cigarettes work?</li> </ul>	
Step 2	As students begin to enter the classroom have them get started on a K-W-L worksheet at their desk. <ul style="list-style-type: none"> <li>● K-W-L is a way of having students record what they think they KNOW about a topic, what they WANT like to learn about a topic, and at the end of the unit they are able to fill in what they have LEARNED.               <ul style="list-style-type: none"> <li>○ Think-Pair-Share</li> </ul> </li> </ul>	
Step 3	Have students complete a pre-test of their knowledge on the topic. <ul style="list-style-type: none"> <li>● Below is a paper copy of the pre-test</li> </ul>	

	<ul style="list-style-type: none"> <li>• Or use this LINK to use a prepared Kahoot!</li> </ul>	
Step 4	Begin the PowerPoint or <a href="#">Prezi</a> with Guided Notes <ul style="list-style-type: none"> <li>• The first slide includes a short video of an overview of e-cigarettes. The video is linked under “Materials” above as well.</li> <li>• Guided Notes provided below</li> </ul>	#1, 2, 3
Step 5	Revist K-W-L <ul style="list-style-type: none"> <li>• End each class with adding information to what they have learned or answers to questions they had asked.</li> </ul>	#1, 2, 3
Step 6	Exit Slip <ul style="list-style-type: none"> <li>• Provided below</li> </ul>	#2

### Assessment Idea

Exit Slip Provided Below

### References

- Marie Leake, M.A.T. Albemarle County Public Schools

### Handouts

- K-W-L Worksheet
- Pre-Test (or use [Kahoot!](#))
- Guided Notes
- Exit Slip

Name: \_\_\_\_\_ Pd: \_\_\_\_\_ Date: \_\_\_\_\_

**K-W-L // Vaping and E-Cigarettes**

What do you know?

What do you want to know?

What did you learn?

Name: \_\_\_\_\_

Pd: \_\_\_\_\_

Date: \_\_\_\_\_

## E-Cigarettes Pre-Test

1. What does vaping produce?
  - a. Smoke
  - b. Vapor
  - c. Aerosol
  - d. Nothing
2. Vapes and e-cigarettes can explode and lead to death.
  - a. True
  - b. False
3. Which of the answers below are equal to the amount of nicotine in one JUUL pod?
  - a. 1 Cigarette
  - b. 5 Cigarettes
  - c. Half a pack of cigarettes (10 cigarettes)
  - d. A whole pack of cigarettes (20 cigarettes)
4. The use of e-cigarettes increases your chance of using tobacco products in the future.
  - a. True
  - b. False
5. Secondhand “smoke” from vapes can cause you harm.
  - a. True
  - b. False
6. The volatile organic compound, Benzene, is found in what:
  - a. Car Exhaust
  - b. Paint
  - c. E-Cigarette Aerosol
  - d. All of the above
7. You can purchase a JUUL pod without nicotine in it.
  - a. True
  - b. False
8. The national age to purchase nicotine products is:
  - a. 18
  - b. 20
  - c. 21
  - d. 19
9. Some states have raised the age to purchase nicotine products to:

- a. 18
- b. 20
- c. 21
- d. 19

10. Hawaii has outlawed the sale of all flavored e-juice products.

- a. True
- b. False

Name: \_\_\_\_\_

Pd: \_\_\_\_\_

Date: \_\_\_\_\_

Don't Be a Fool, Put Down the JUUL

Vaping is the act of inhaling and exhaling the \_\_\_\_\_, often referred to as vapor.

The aerosol contains varying amounts of \_\_\_\_\_ .

How E-Cigarettes work:

1. Battery heats the \_\_\_\_\_ .
2. Heating component turns the e-liquid into an \_\_\_\_\_ .
3. Aerosol is inhaled into the \_\_\_\_\_ then exhaled.
4. The chemicals from the aerosol are then absorbed into the \_\_\_\_\_ .

The age to purchase nicotine products has increased in the state of Virginia from \_\_\_\_\_ to \_\_\_\_\_ years of age.

Any questions you may have:

**Don't Be A Fool, Put Down The JUUL**

Name: \_\_\_\_\_ Pd: \_\_\_\_\_ Date: \_\_\_\_\_

E-Cigarettes produce \_\_\_\_\_.  
Smoke  
Vapor  
An Aerosol

What is the new age to purchase nicotine products in the state of Virginia?  
18 years old  
21 years old  
16 years old

**Don't Be A Fool, Put Down The JUUL**

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