



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"> ● Are there health risks associated with e-cigarettes? ● How do e-cigarettes work? 	
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"> ● 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"> ○ Think-Pair-Share 	
Step 3	Have students complete a pre-test of their knowledge on the topic. <ul style="list-style-type: none"> ● Below is a paper copy of the pre-test 	

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

Name: _____ Pd: _____ Date: _____

E-Cigarettes produce _____.
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An Aerosol

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