

HIDDEN

in

Plain Sight

Presented by Student Assistance Services and the
Westchester Coalition for Drug and Alcohol Free Youth



GLOBAL GAS 676 Glen Cove Rd; **HARDYS QUICKMART** 242 Glen Cove Ave; **7 ELEVEN**, 206 Glen Cove Ave

Alcohol

Alcohol and the Brain

Binge Drinking

Alcohol Poisoning

Other consequences (unwanted/unplanned sexual activity, car crashes, pedestrian fatalities, violence, academic issues)





www.PowerToTheParent.com/HiddenInPlainSight



What are ENDS?

- Electronic Nicotine Delivery Systems (ENDS). There is no standard definition of an e-cigarette. Manufacturers use different designs and a range of ingredients.
- Some names we hear are: Hookah Sticks, Cig-Alike, E-Cig, ENDS, Vape Pen, E-Hookah, Box Mod, Pen Mod, Juul....



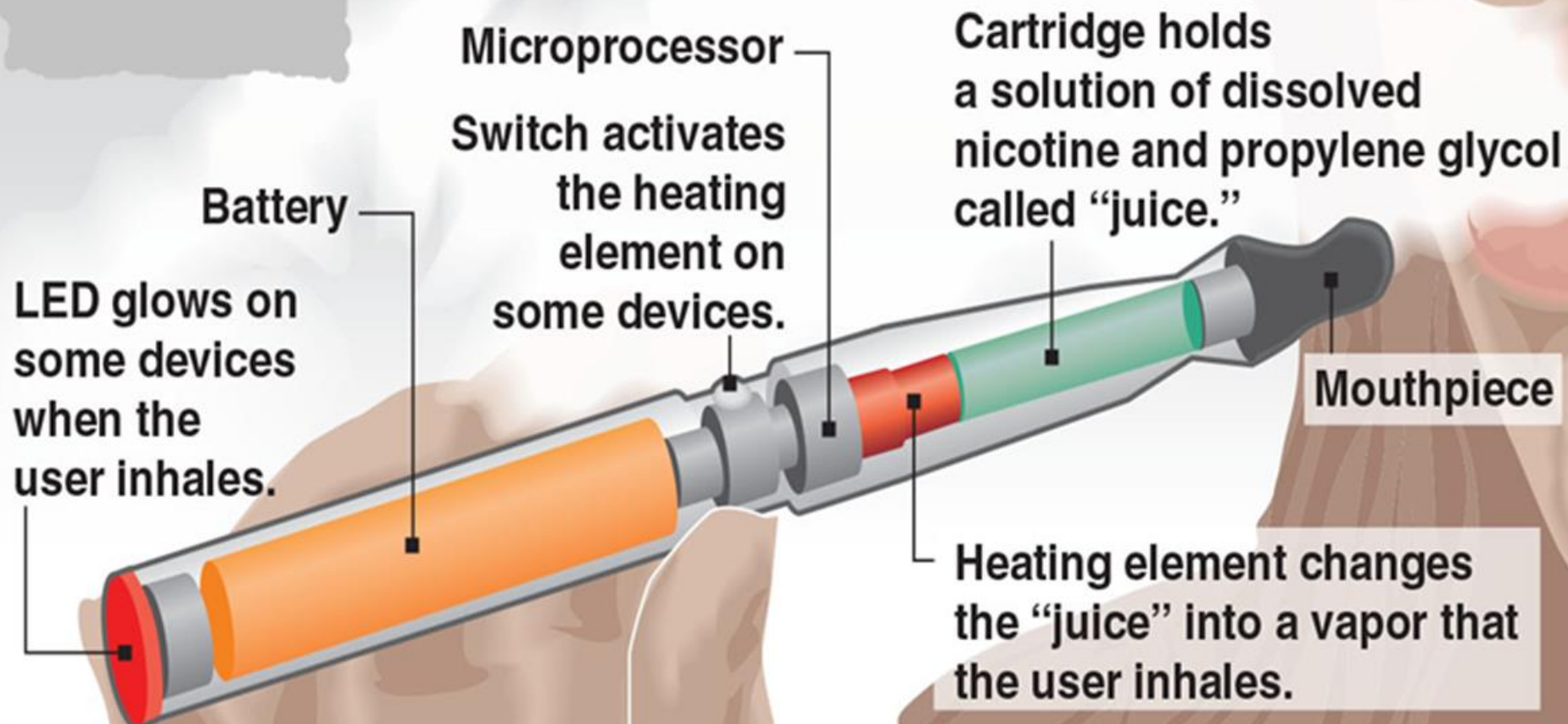
Background of Electronic Nicotine Delivery Systems (ENDS)

- Originally developed as a safer alternative to regular cigarettes and as a way to assist smokers in cutting down/quitting
- Because e-cigarettes burn nothing, they release no smoke. There is no combustion.
- “There’s no question that a puff on an e-cigarette is less toxic than a puff on a regular cigarette,” Stanton Glantz, director of the Center for Tobacco Control Research and Education at the University of California, San Francisco.
- **The Take Away: For an adult smoker trying to reduce their risk, E-Cigs might be a good alternative.**

But What About For Youth?



How an e-cigarette works



Source: U.S. Fire Administration

Graphic: Mark Nowlin, Seattle Times/TNS

E-Juice

- * Vegetable glycerin, propylene glycol (base chemical in anti-freeze), Flavoring
 - E-juice without nicotine
 - E-juice with nicotine
 - Wax/hash oil/marijuana



Different Kinds of ENDS

- Some come pre-filled with a liquid that may or may not contain nicotine (hookah sticks)
- Some come with “pods” or “cartridges” that are pre-filled with a liquid. (Juuls)
- Some have attachments where the user places their own liquid/leaf.



JUUL

With interchangeable
“pods”





Vape pen
with
replaceable
cartridges

Charging a vape pen in a
computer USB port.





DHgate.com aspire_zone



vapRwear



Health Issues with Vape Pens

- “Recent teen vapers were about twice as likely to have chronic bronchitis as were kids who had never vaped. Students who had vaped in the past, but *not* in the last month, also were about as likely as current vapers to have chronic bronchitis.” *American Journal of Respiratory and Critical Care Medicine, April 2017*
- E-cig users are five-to-15 times more likely to get formaldehyde-related cancer, compared to regular cigarette smokers. (*New England Journal of Medicine*)
- Many vape pens contain Diacetyl which has been linked to a form of cancer referred to as “Popcorn Lung”.

Health Issues – Vaping Nicotine

- “E-cigarettes turn nicotine into inhalable vapor, can harm developing brains of teenagers, can create harmful aerosol for people around the user...” (Surgeon General 2016)
- Nicotine causes inflammation in lung tissue and reduces the tissue’s ability to serve as a barrier to foreign substances. (Irina Petrache, MD, lung specialist at Indiana University in Indianapolis)

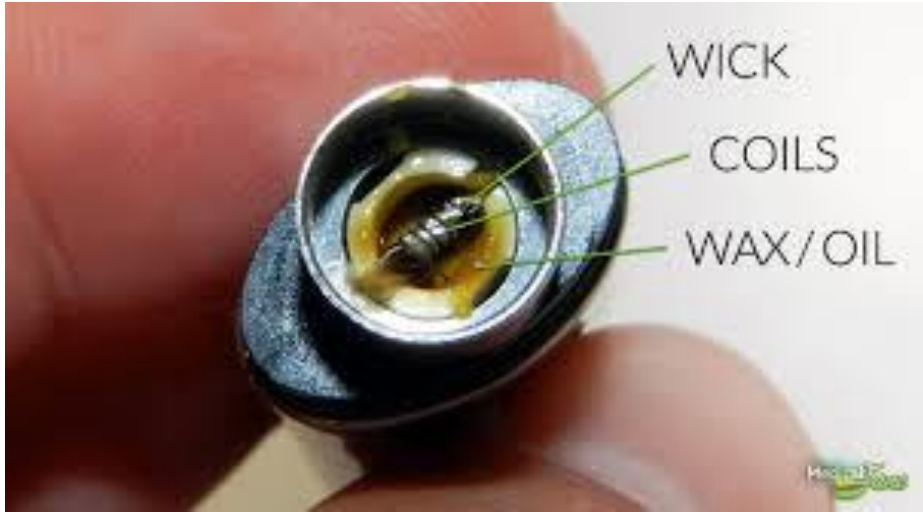
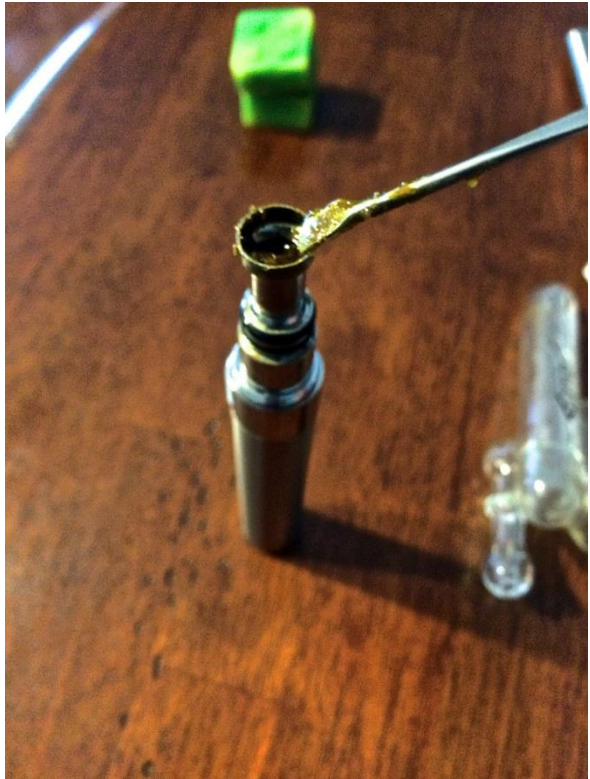
Vape Pens Exploding



Marijuana related words

- Trees
- Chronic
- Skunk
- Bio/hydro
- 4:20
- Kush
- Cyph
- Grinders
- Loud
- Purple Haze
- Kind Bud
- Blueberry
- L
- Dabs
- Wax
- Kief





JUUL

With interchangeable
“pods”



Weed Pens





Vape pen
with
replaceable
cartridges

Vapen Clear Inhaler

Powered by:  **VAPEN**[™]
CLEAR



The Vapen Clear looks exactly like your typical inhaler. It acts the same too, but without the albuterol. The Vapen Clear releases the good stuff, aka THC.

Grinders and Dab Mats



Gift Card

\$25

3220 5501 6694 0007

GOOD THRU 01/11

A GIFT FOR YOU



Edibles



Marijuana Hiding in Plain Sight



American College of Pediatricians 2015

- **“Marijuana is addicting, has adverse effects upon the adolescent brain, is a risk for both cardio-respiratory disease and testicular cancer, and is associated with both psychiatric illness and negative social outcomes.”**

Marijuana can Impair Higher Brain Function

(Madras, Harvard Medical School)

- Impairs learning, working memory
- Reduces attention span and concentration
- Reduces ability to plan
- Reduces organizational skills
- Reduces problem solving
- Reduces decision making
- Reduces perception of facts
- Reduces emotional control
- Reduces behavioral control
- Impairs motor coordination
- Increases impulsivity
- Increases hunger
- Distorts perception of time, distance, sounds

Cocaine

- Powerful stimulant
 - addictive, expensive, toxic to heart
- White powder
- Usually snorted (or sniffed)
- Can be injected
- Vaped? “Researchers found "e-liquid containing cocaine, morphine, MDMA (ecstasy).....” in vape devices
- Possible crack pipe vending machines found on Long Island (09/18)



Anti-Anxiety Medication



- Xanax (Z-bars, Zani Bars)
- Valium
- Sedatives/depressants
- Prescribed for anxiety and sleep disorders
- Sense of relaxation and euphoria
- Risk of addiction, seizures during withdrawal phase, “behavioral toxicity”

Pain Killers - Opioids

- Vicodin (Vikes)
- Oxycontin (Oxy)
- Prescribed for pain
- Sense of euphoria
- Risk of severe respiratory depression (overdose) and addiction
- Progression to Heroin



Stimulants

- Ritalin
- Adderall
- Safe/protective when used as prescribed
- Risk of addiction, irregular heartbeat, seizures, heart attack
- Feelings of hostility or paranoia
- Sleep disturbance and depression in the withdrawal (crash) phase
- July 2018 study, published in the journal [Pharmacy](#), found the standard 30 milligram dose of Adderall did not [lead to] better performance on tests that measured short-term memory, reading comprehension and fluency.



Dextromethorphan

- Semi-synthetic opioid
- Feeling of detachment
- Risk of overdose, liver toxicity
- Especially dangerous in combination with alcohol



Purple Drank, Sizzurp, Lean:

a potent cocktail made from Jolly Ranchers, Cough Medicine and Sprite



Inhalants: Glade, Dust Off, Etc

