# Bucks County Drug & Alcohol Commission, Inc.

# VAPING PREVENTION TOOLKIT









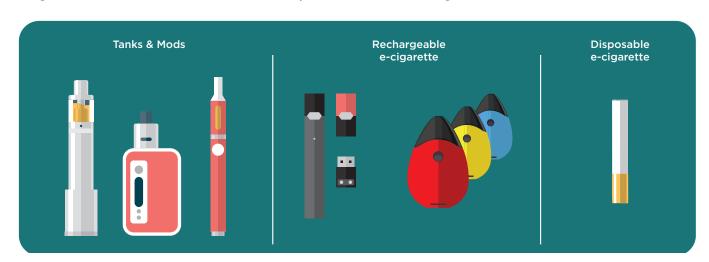


### ELECTRONIC CIGARETTES WHAT'S THE BOTTOM LINE?

- » E-cigarettes have the potential to benefit adult smokers who are not pregnant if used as a complete substitute for regular cigarettes and other smoked tobacco products.
- » E-cigarettes are not safe for youth, young adults, pregnant women, or adults who do not currently use tobacco products.
- » While e-cigarettes have the potential to benefit some people and harm others, scientists still have a lot to learn about whether e-cigarettes are effective for quitting smoking.
- » If you've never smoked or used other tobacco products or e-cigarettes, don't start.

### WHAT ARE E-CIGARETTES?

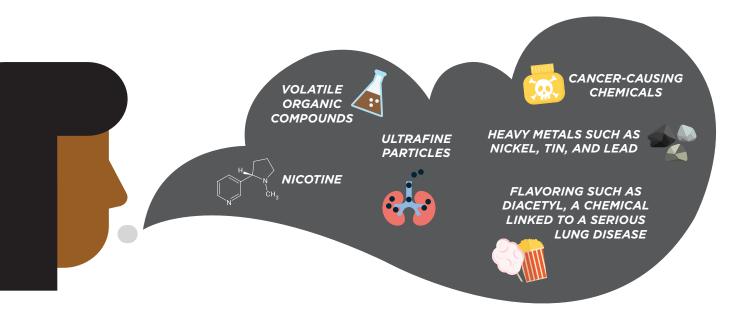
- » E-cigarettes are known by many different names. They are sometimes called "e-cigs," "e-hookahs," "mods," "vape pens," "vapes," "tank systems," and "electronic nicotine delivery systems."
- » Some e-cigarettes are made to look like regular cigarettes, cigars, or pipes. Some resemble pens, USB sticks, and other everyday items.
- » E-cigarettes produce an aerosol by heating a liquid that usually contains nicotine—the addictive drug in regular cigarettes, cigars, and other tobacco products—flavorings, and other chemicals that help to make the aerosol. Users inhale this aerosol into their lungs. Bystanders can also breathe in this aerosol when the user exhales into the air.
- » E-cigarettes can be used to deliver marijuana and other drugs.





### WHAT IS IN E-CIGARETTE AEROSOL?

# THE E-CIGARETTE AEROSOL THAT USERS BREATHE FROM THE DEVICE AND EXHALE CAN CONTAIN HARMFUL AND POTENTIALLY HARMFUL SUBSTANCES:



It is difficult for consumers to know what e-cigarette products contain. For example, some e-cigarettes marketed as containing zero percent nicotine have been found to contain nicotine.

### ARE E-CIGARETTES LESS HARMFUL THAN REGULAR CIGARETTES?



**YES**, but that doesn't mean e-cigarettes are safe.

E-cigarette aerosol generally contains fewer toxic chemicals than the deadly mix of 7,000 chemicals in smoke from regular cigarettes. However, e-cigarette aerosol is not harmless. It can contain harmful and potentially harmful substances, including nicotine, heavy metals like lead, volatile organic compounds, and cancer-causing agents.

### WHAT ARE THE HEALTH EFFECTS OF USING E-CIGARETTES?

SCIENTISTS ARE STILL LEARNING ABOUT THE LONG-TERM HEALTH EFFECTS OF E-CIGARETTES. HERE IS WHAT WE KNOW NOW.

## Most e-cigarettes contain nicotine, which has known health effects

- » Nicotine is highly addictive.
- » Nicotine is toxic to developing fetuses.
- » Nicotine can harm adolescent brain development, which continues into the early to mid-20s.
- » Nicotine is a health danger for pregnant women and their developing babies.



# Besides nicotine, e-cigarette aerosol can contain substances that harm the body.

» This includes cancer-causing chemicals and tiny particles that reach deep into lungs. However, e-cigarette aerosol generally contains fewer harmful chemicals than smoke from burned tobacco products.



### E-cigarettes can cause unintended injuries.

- » Defective e-cigarette batteries have caused fires and explosions, some of which have resulted in serious injuries.
- In addition, acute nicotine exposure can be toxic.
   Children and adults have been poisoned by swallowing, breathing, or absorbing e-cigarette liquid.





# E-CIGARETTES ARE NOT CURRENTLY APPROVED BY THE FDA AS A QUIT SMOKING AID.

The U.S. Preventive Services Task Force, a group of health experts that makes recommendations about preventive health care, concluded that the evidence is insufficient to recommend e-cigarettes for smoking cessation in adults, including pregnant women.



**HOWEVER**, e-cigarettes may help non-pregnant adult smokers if used as a complete substitute for all cigarettes and other smoked tobacco products.

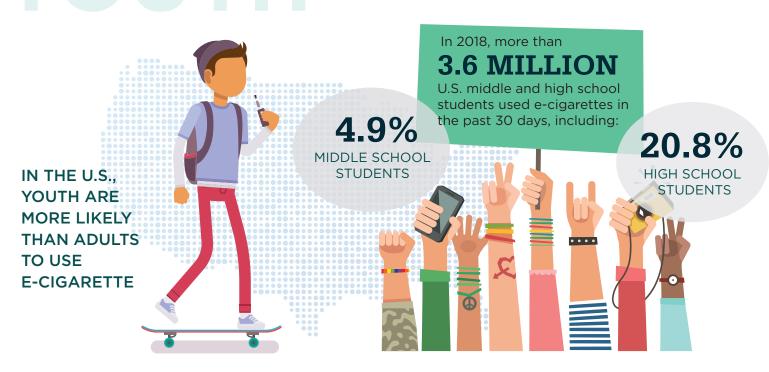
## TO DATE, THE FEW STUDIES ON THE ISSUE ARE MIXED.

Evidence from two randomized controlled trials found that e-cigarettes with nicotine can help smokers stop smoking in the long term compared with placebo (non-nicotine) e-cigarettes.

A recent CDC study found that many adults are using e-cigarettes in an attempt to quit smoking. However, most adult e-cigarette users do not stop smoking cigarettes and are instead continuing to use both products ("dual use"). Because smoking even a few cigarettes a day can be dangerous, quitting smoking completely is very important to protect your health.

### WHO IS USING E-CIGARETTES?

# E-CIGARETTES ARE THE MOST COMMONLY USED TOBACCO PRODUCT AMONG YOUTH.





**AMONG CURRENT E-CIGARETTE USERS AGED 45 YEARS AND OLDER** in 2015, most were either current or former regular cigarette smokers, and 1.3% had never been cigarette smokers.

in contrast, among current e-cigarette users aged 18-24 years, 40.0% had NEVER BEEN regular cigarette smokers

IN 2015, AMONG ADULT E-CIGARETTE USERS OVERALL:

**29.8**%

were former regular cigarette smokers

11.4% had never been regular cigarette smokers

**58.8%**were current regular cigarette smokers

In 2017, **2.8%** 



# WHAT THE DATA SAYS ABOUT BUCKS COUNTY STUDENTS & VAPING

We are fortunate in Bucks County to be able to access important data collected by our own youth. Since 1989, Pennsylvania has conducted a survey of school students in the 6<sup>th</sup>, 8<sup>th</sup>, 10<sup>th</sup> and 12<sup>th</sup> grades to learn about their behavior, attitudes and knowledge concerning alcohol, tobacco, other drugs and violence. The Pennsylvania Youth Survey – or PAYS – is sponsored and conducted every two years by the Pennsylvania Commission on Crime and Delinquency. Vaping/E-Cigarette use was added to the survey; below is some data from the most recent survey conducted in the Fall of 2019.

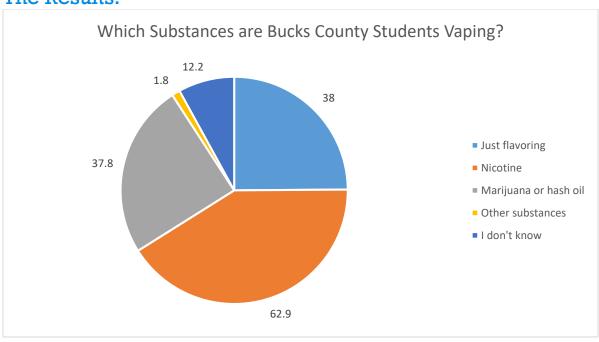
### How is Vaping Defined?

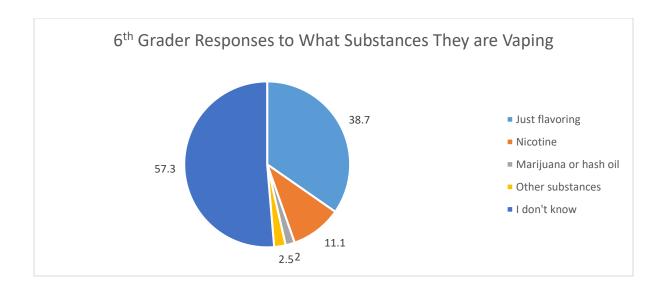
Vaping is an emerging method of drug use where a device with a heating element is used to vaporize and inhale the psychoactive ingredients in tobacco (or sometimes marijuana). While it is often portrayed as a safer alternative to smoking, the data on vaping is scant and the risks are poorly understood.

### **Ouestions Asked:**

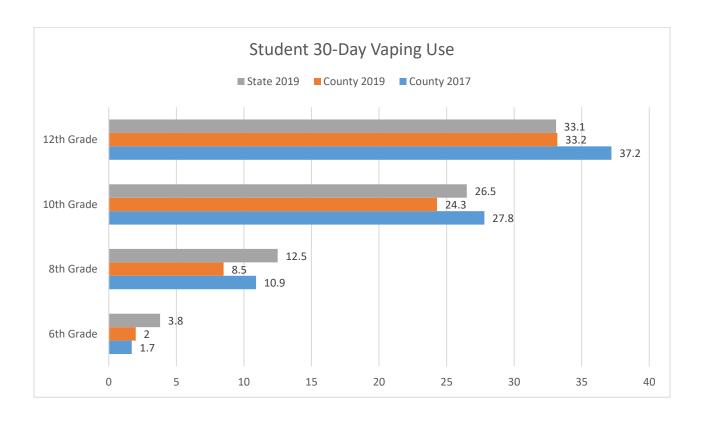
- 1. How frequently have you used an electronic vapor product such as e-cigarettes, e-cigars, e-pipes, vape pens, e-hookahs or hookah pens during the past 30 days?
- 2. If you used an electronic vapor product such as e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs or hookah pens during the past 12 months, with which substances did you use it? (Mark all that apply.)
  - a. Just flavoring
  - b. Nicotine
  - c. Marijuana or hash oil
  - d. Other substance
  - e. I don't know

### The Results:





- 57.3% of 6<sup>th</sup> grade students responded "I don't know" to what substances they are vaping (see above chart).
- 46.4% of 12<sup>th</sup> grade students in Bucks County who responded are vaping marijuana or hash oil.
- Bucks County student percentages for vaping nicotine and marijuana or hash oil are all higher than state percentages.



• Vaping rates for 30-day use decreased for all grades except 6<sup>th</sup> grade. The all-grade 30-day use percentage is 16.8%.

### **E-CIGARETTES SHAPED LIKE USB FLASH DRIVES:**

# INFORMATION FOR PARENTS, EDUCATORS, AND HEALTH CARE PROVIDERS





Electronic cigarettes (e-cigarettes) are battery-powered devices that can deliver nicotine and flavorings to the user in the form of an aerosol.

E-cigarettes come in many shapes and sizes.





### WHAT'S THE BOTTOM LINE?

A new e-cigarette shaped like a *USB* flash drive is being used by students in schools.



The use of any tobacco product

— including e-cigarettes—is

\*UNSAFE\* for young people.

Nicotine is highly addictive and can harm brain development, which continues until about age 25.

Parents, educators, & health care providers can help prevent and reduce the use of all

help prevent and reduce the use of all tobacco products, including e-cigarettes, by young people.

>> Learn HOW in this fact sheet.



U.S. Department of Health and Human Services Centers for Disease Control and Prevention

# AN INCREASINGLY POPULAR E-CIGARETTE DEVICE, CALLED JUUL, IS SHAPED LIKE A USB FLASH DRIVE.



Use of JUUL is sometimes called "JUULing."

JUUL's nicotine liquid refills are called "pods." JUUL is available in several flavors such as Cool Cucumber, Fruit Medley, Mango, and Mint.





All JUUL e-cigarettes have a high level of nicotine.
According to the manufacturer, a single JUUL pod contains as much nicotine as a pack of 20 regular cigarettes.



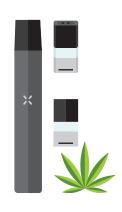
JUUL became available for sale in the United States in 2015. As of December 2017, JUUL is the top-selling e-cigarette brand in the United States.

News outlets and social media sites report widespread use of JUUL by students in schools, including in classrooms and bathrooms.

Other devices are becoming available that look like USB flash drives. Examples include the MarkTen Elite, a nicotine delivery device, and the PAX Era, a marijuana delivery device that looks like JUUL.





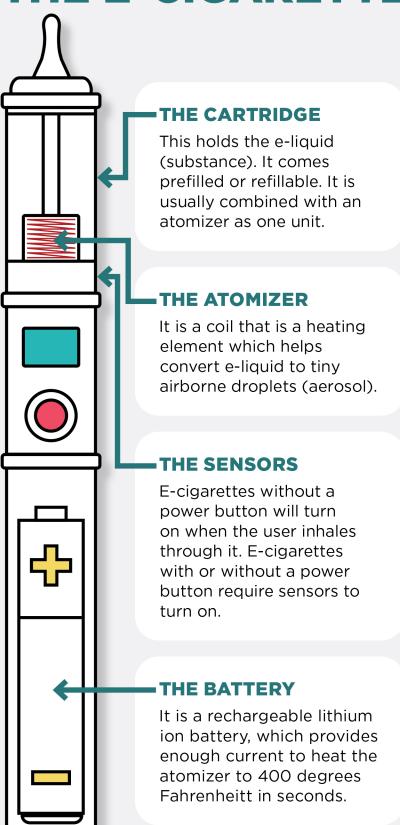


MarkTen Elite

PAX Era

## **Anatomy of an E-Cigarette**

## THE E-CIGARETTE





#### **Mod Box**

It is a 3rd generation device that is modifiable ("Mod") allowing users to change the voltage, coils and wicks.



### **Sub-Ohm Tank**

It is made of plastic or metal with transparent casing so liquid levels can be seen. It contains a lower resistance coil that allows the liquid to heat up faster.



### Cartridge

It is made of plastic or metal with transparent casing so liquid levels can be seen. It contains an atomizer that heats up the e-liquid.



### E-Liquid

E-liquid is contained in a pod, cartridge or tank. It is made up of a mixture of substances that includes nicotine, cannabis, and/or flavoring.

# **Classifying E-Cigarettes or Vaping Products**

## **How to Classify the User's E-Cigarette or Vaping Product**

### **Important notes:**

- 1. E-liquids can contain nicotine, THC, CBD, flavors, or other solvents.
- 2. Marijuana herb, hash oil, dab wax are used with vaporizers.

### **QUESTION 1:**

Is the e-liquid contained in a disposable e-cigarette, cartridge, tank, or pod? **Disposable e-cigarette**(no cartridge, tank or pod)







Cartridge (Prefilled or refillable)

### **QUESTION 2:**

Is the cartridge also called a pod cartridge or contains nicotine salts?

**YES** 

NO

GENERATION

(Battery Pen)





Tank/ Sub-Ohm (Refillable) 3rd GENERATION

(Modifiable—allows variable voltage/watts)





**Pod** (Prefilled or refillable) GENERATION (Pod Mod)





Marijuana herb, oil, dab wax Vaporizer, Dab rig, Dab pen



## **Fourth Generation**



## **Pod Mods**

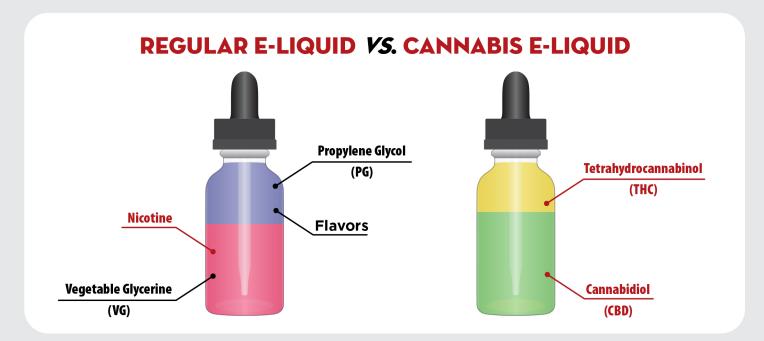
- Pod Mod is an e-cigarette, or vaping, product with a prefilled or refillable "pod" or pod cartridge with a modifiable (mod) system ("Pod-Mods")
- These are other examples of fourth generation devices. Pod Mods come in many shapes, sizes, and colors.
- Common Pod Mod brands include JUUL® and Suorin ®
- There are compatible prefilled pod cartridges that contain nicotine, THC, or CBD with or without flavoring.

## **E-Liquid**



## **E-Liquid**

- E-liquid is the liquid that is converted into an aerosol by an e-cigarette, or vaping, product. It is typically a mixture of water, food grade flavoring, a choice of nicotine levels, cannabis (THC, CBD), propylene glycol (PG) or vegetable glycerin (VG).
- PG and VG are humectants used in e-liquid to produce aerosols that simulate combustible tobacco cigarette smoke.
- The ratio of PG and VG in the e-liquid can change based on whether flavor (higher levels of PG) or plume (higher levels of VG) is desired.



# **Dabbing**







Dab Rig

Concentrate

Torch

## **Dabbing**

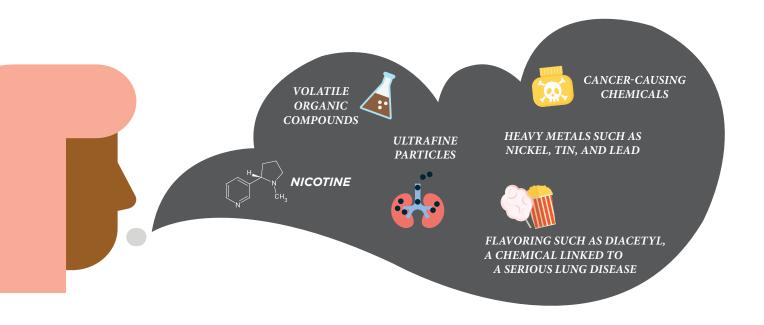
- Dabbing or dibbing is a process that allows the user to inhale a high concentration of THC by aerosolizing of a concentrate that has been placed on a hot surface (the "nail").
- Dabbing is also a term used when using THC concentrates and wax in a dab pen or a vaporizer.

# **Hacking Pods or Cartridges**



### E-CIGARETTE USE IS NOT SAFE FOR YOUNG PEOPLE.

E-cigarette aerosol is not harmless. It can contain harmful ingredients. However, e-cigarette aerosol generally contains fewer harmful chemicals than smoke from burned tobacco products, like regular cigarettes.



Most e-cigarettes contain *nicotine*, which is highly addictive and can harm brain development, which continues until about age 25.



YOUNG PEOPLE
WHO USE
E-CIGARETTES
MAY BE MORE
LIKELY TO GO
ON TO USE
REGULAR
CIGARETTES.



# PARENTS, EDUCATORS, AND HEALTH CARE PROVIDERS CAN HELP PREVENT AND REDUCE THE USE OF E-CIGARETTES BY YOUNG PEOPLE.



### PARENTS CAN:

- » Learn about the different shapes and types of e-cigarettes and the risks of all forms of e-cigarette use for young people.
- » Talk to their children about the risks of e-cigarette use among young people. Express firm expectations that their children remain tobacco-free.
- » Set a positive example by being tobacco-free.



### **EDUCATORS CAN:**

- » Learn about the different shapes and types of e-cigarettes and the risks of all forms of e-cigarette use for young people.
- » Develop, implement, and enforce tobacco-free school policies.
- » Reject youth tobacco prevention programs sponsored by the tobacco industry. These programs have been found to be ineffective for preventing youth tobacco use.



# PEDIATRIC HEALTH CARE PROVIDERS CAN:

- » Ask about e-cigarettes, including devices shaped like USB flash drives, when screening patients for the use of any tobacco products.
- » Warn patients about the risks of all forms of tobacco product use, including e-cigarettes, for young people.



## **UPDATING YOUR SCHOOL'S POLICY**

### Including Vaping/E-Cigarettes in Your Current ATOD Policy

The information below provides a sample of what you can include in your district's existing ATOD policy by officially prohibiting the possession, use and sales of vape/e-cigarette products on school property.

Because we recognize the hazards caused by exposure to environmental tobacco smoke and vape, as well as the life-threatening diseases linked to the use of all forms of nicotine addiction, it shall be the policy of [SCHOOL DISTRICT], effective [DATE], to provide a nicotine-free environment for all students, staff and visitors. This policy includes the smoking or vaping of any tobacco/nicotine products and the use of oral tobacco/nicotine products, and applies to students, employees and non-employee visitors of [SCHOOL DISTRICT].

#### **DEFINITION**

- For the purposes of this policy, tobacco shall be defined as any product containing nicotine: lighted or unlighted smoking products, vaping products or oral products.
- Tobacco shall be defined as use AND/OR possession of any smoking, vaping or oral nicotine product, including but not limited to: cigarettes, cigars, vape pens, JUUL, hookah pens, pipes, chew, spit, etc.

#### **PUPILS**

- Incidents of possession, use AND/OR sale of tobacco in violation of this policy by any students on any school property or associated property will result in [INSERT DISCIPLINARY ACTION BASED ON 1<sup>ST</sup>, 2<sup>ND</sup> AND 3<sup>RD</sup> OFFENSE].
- Tobacco Treatment Programs will be offered to violators.

### **EMPLOYEES**

There shall be no tobacco permitted on the property or in the vehicles of [SCHOOL DISTRICT]. This
policy applies to the employees and any other persons utilizing [SCHOOL DISTRICT], property, vehicles
or equipment.

### **COMMUNITY/VISITORS/VOLUNTEERS**

• [SCHOOL DISTRICT] prohibits tobacco use by any persons in its school buildings and on any property, buses, vans and vehicles that are owned, leased or controlled by the school districts, including field trips, sporting events, etc.



# Talk with Your Teen About E-cigarettes: A Tip Sheet for Parents



### **BEFORE THE TALK**

## Know the facts.

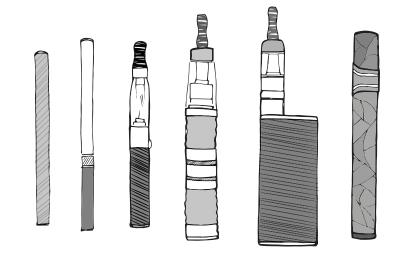
 Get credible information about e-cigarettes and young people at E-cigarettes.SurgeonGeneral.gov.

## Be patient and ready to listen.

- Avoid criticism and encourage an open dialogue.
- Remember, your goal is to have a conversation, not to deliver a lecture.
- It's OK for your conversation to take place over time, in bits and pieces.

## Set a positive example by being tobacco-free.

• If you use tobacco, it's never too late to quit. For free help, visit smokefree.gov or call **1-800-QUIT-NOW**.



### START THE CONVERSATION

### Find the right moment.

- A more natural discussion will increase the likelihood that your teen will listen. Rather than saying "we need to talk," you might ask your teen what he or she thinks about a situation you witness together, such as:
  - Seeing someone use an e-cigarette in person or in a video.
  - » Passing an e-cigarette shop when you are walking or driving.
  - Seeing an e-cigarette advertisement in a store or magazine or on the internet.



### Ask for support.

- Not sure where to begin? Ask your health care provider to talk to your teen about the risks of e-cigarettes.
- You might also suggest that your teen talk with other trusted adults, such as relatives, teachers, faith leaders, coaches, or counselors whom you know are aware of the risks of e-cigarettes.
- These supportive adults can help reinforce your message as a parent.

## **ANSWER THEIR QUESTIONS**

Here are some questions and comments you might get from your teen about e-cigarettes and some ideas about how you can answer them.

## Why don't you want me to use e-cigarettes?

- Science shows that e-cigarettes contain ingredients that are addictive and could harm different parts of your body.
- Right now, your brain is still developing, which means you are more vulnerable to addiction.
   Many e-cigarettes contain nicotine, and using nicotine can change your brain to make you crave more nicotine. It can also affect your memory and concentration. I don't want that for you!
- E-cigarettes contain chemicals that are harmful.
   When people use e-cigarettes, they breathe in tiny particles that can harm their lungs.

 The cloud that people exhale from e-cigarettes can expose you to chemicals that are not safe to breathe.

## What's the big deal about nicotine?

- Your brain is still developing until about age 25. The Surgeon General reported that nicotine is addictive and can harm your brain development.
- Using nicotine at your age may make it harder for you to concentrate, learn, or control your impulses.
- Nicotine can even train your brain to be more easily addicted to other drugs like meth and cocaine.

 I don't say this to scare you, but I want you to have the facts because nothing is more important to me than your health and safety.

# Aren't e-cigarettes safer than conventional cigarettes?

- Because your brain is still developing, scientific studies show that it isn't safe for you to use any tobacco product that contains nicotine, including e-cigarettes.
- Whether you get nicotine from an e-cigarette or a cigarette, it's still risky.
- Some e-cigarette batteries have even exploded and hurt people.

# I thought e-cigarettes didn't have nicotine – just water and flavoring?

- I used to think that too. But many e-cigarettes have nicotine. There are also other chemicals in them that can be harmful.
- Let's look at the Surgeon General's website on e-cigarettes (E-cigarettes.SurgeonGeneral.gov) together so you can see for yourself.

# I (or my friends) have tried e-cigarettes and it was no big deal.

- I appreciate your honesty. In the future, I hope you (or your friends) will stay away from e-cigarettes and other tobacco products, including cigarettes. Science shows that e-cigarettes contain ingredients that are addictive and could harm different parts of your body.
- Next time we go to the doctor, let's ask about the risks of nicotine, e-cigarettes, and other tobacco products.

## You used tobacco, so why shouldn't !?

- If I could live my life over again, I never would have started smoking. I learned that people who smoke cigarettes are much more likely to develop, and die from, certain diseases than people who don't smoke. This was really scary, so I quit smoking.
- Quitting was really hard, and I don't want you to go through that. The best thing is to not start at all.



### **KEEP THE CONVERSATION GOING**

Many parents find that texting is a great way to reach their teens. Here are some suggestions for text messages that might catch your teen's attention. And, you can easily share pages of the website (E-cigarettes. Surgeon General.gov) with your teen.



Look for this symbol, click it, type in the message you want or use the message provided, and share with your teen via Facebook, Twitter, or email.

### Connect and encourage.

- You always liked science. Check out the science about e-cigarettes and young people: **E-cigarettes.SurgeonGeneral.gov**
- Getting off nicotine is hard but I'm so happy I quit. Don't make that mistake and get addicted. Smoking and tobacco use, including using e-cigarettes, are unsafe for young people.

### Remind and repeat.

- Most teenagers don't use e-cigarettes. E-cigarettes with nicotine can mess with your brain, and your brain is still developing until you are at least 25.
- You might be tempted by e-cigarette flavors, but inhaling certain flavorings that have been found in some e-cigarettes can be harmful.

## Share facts and resources.

- Just learned that many e-cigarettes have nicotine in them. That's the drug that makes cigarettes so addictive. Nicotine can also mess with your brain development.
- Just saw a report from the Surgeon General that e-cigarettes can mess with how your brain develops and might even affect your mood and focus. Please don't use any products that contain nicotine.
- Hope none of your friends use e-cigarettes around you. Even breathing the cloud they exhale can expose you to nicotine and chemicals that can be dangerous to your health.







### **RESOURCES & HOW TO SHARE INFO**

### **National Resources**

- Stanford Tobacco Prevention Toolkit: <a href="http://tobaccopreventiontoolkit.stanford.edu">http://tobaccopreventiontoolkit.stanford.edu</a>
  - Online toolkit for K-12 educators; includes modules for educators, administrators, parents/guardians & others working with youth
- The Truth Initiative: <a href="https://truthinitiative.org/">https://truthinitiative.org/</a>
- National Institute of Health: https://www.teen.smokefree.gov/
- Operation Parent: <a href="https://www.operationparent.org/">https://www.operationparent.org/</a>
- Science on E-Cigarettes and Youth: https://e-cigarettes.surgeongeneral.gov/
- Partnership to End Addiction: <a href="https://drugfree.org/">https://drugfree.org/</a>
- Centers for Disease Control and Prevention: <a href="https://www.cdc.gov/tobacco/basic information/e-cigarettes/index.htm">https://www.cdc.gov/tobacco/basic information/e-cigarettes/index.htm</a>

### Local Resources

- PA Quitline 1-800-QUIT-NOW: <a href="https://pa.quitlogix.org/en-US/">https://pa.quitlogix.org/en-US/</a> or <a href="https://www.health.pa.gov/topics/programs/tobacco/Pages/Quitline.aspx">https://www.health.pa.gov/topics/programs/tobacco/Pages/Quitline.aspx</a>
- Council of Southeast Pennsylvania, Inc.
   Contact: Melanie Swanson | mswanson@councilsepa.org | 215-230-8218 ext. 3145
  - Professional Development/Community Presentations
  - Variety of prevention programs and presentations to parents, schools, and the community, including topics such as vaping/e-cigarettes
  - Tobacco Control Project: The Council conducts the Youth Tobacco Survey in Bucks County schools, works to implements smoke free Parks & Recreation Centers, participates in the Young Lungs at Play Tobacco-Free Zones/Parks Initiative, provides training and technical assistance to schools to implement smoke free schools and mobilized constituents and stakeholders in support Tobacco Control advocacy efforts.
- Tobacco Cessation Classes: These five-session programs are designed to help you quit smoking comfortably. For more information about where you can find a Stop Smoking Class near you, please visit <a href="https://www.bchip.org/quit-smoking-programs/">https://www.bchip.org/quit-smoking-programs/</a>.

### How You Can Help Share Information

- Post fact sheets from toolkit or resources listed on social media sites or websites
- Send information to parents/caregivers through email distribution or have print copies available in lobbies and offices
- Share PSAs and other videos through school channels, or have them played on televisions in waiting rooms. Check out "The Real Cost" videos at <a href="https://betobaccofree.hhs.gov/join-the-conversation/index.html">https://betobaccofree.hhs.gov/join-the-conversation/index.html</a>
- Think of creative ways to share messages with youth in school and in the community post messages
  in places where students may be using vapes/e-cigarettes (such as parking lots, bathrooms, locker
  rooms, etc.)

## PARTNERSHIP TO END ADDICTION

### Get Help & Hope by Text:

Have concerns about your child and substance use?

- Visit https://drugfree.org/get-help-hope-by-text/
- Enter your mobile phone number above or text JOIN to 55753.
- Answer a quick series of questions about your child and their substance use.
- Receive messages specific to your family's needs and connect with a specialist at your convenience.

Learn evidence-based skills and strategies to help you better communicate with your child and motivate them to change behavior or get the help and treatment they need.

### Online Learning:

If you suspect or know your child is engaging in substance use or other unhealthy behaviors, all you want to do is get them back on track. You can learn simple techniques to start applying right away — and you don't have to do this alone. You will also have easy access to helpline specialists for more personalized guidance at any time. Visit <a href="https://drugfree.org/skill-building/">https://drugfree.org/skill-building/</a> to get started.

This course will teach you how to:

- Respond when your child pushes your buttons
- Have a conversation rather than a confrontation
- Encourage healthier behaviors
- Set reasonable limits
- Use consequences effectively



## CONTACT

For more information on where to turn for help with drugs and alcohol, please contact Bucks County Drug & Alcohol Commission, Inc. 215-444-2700 | www.bcdac.org

