HEALTHY SCHOOLS STUDENT CLUB TOBACCO AND VAPE-FREE ACTIVITY GUIDE — 2022/2023



Step-by-step instructions, worksheets and sample materials for students to lead health promotion activities in school related to tobacco and vaping-use prevention.

YORK REGION PUBLIC HEALTH

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Introduction

Welcome to the Healthy Schools Student Club (HSSC) Tobacco and Vape-Free Activity Guide.

You will find **ideas and activities** with descriptions, instructions, PA announcements and examples about how to run a **Tobacco and Vape-Free Campaign** in your school.

We would like to introduce you to five **activity categories**. You can choose activities from different categories to create your own **Tobacco and Vape-Free Campaign**.

- 1. Voice writing, posters & storytelling
- 2. **Show** exploring models & presentations
- 3. Play indoor in-person & virtual games
- 4. **Move** large space & outdoor movement games
- 5. Action whole school pledges & contests

Remember these are only suggestions - you can **change** any of the activities or **create** your own to make it **fun** for the students in your **school**.

If you need more information, or are looking for additional ideas, ask your **school champion** to contact the **Public Health Nurse (PHN)** assigned to your school. If you do not have a PHN assigned to your school, ask your school champion to contact <u>tobaccofreeliving@york.ca</u> for support.

Healthy Schools can also refer to the <u>School Champion Guide</u> and <u>Student Leader Guide</u> for helpful tools about how to get started.

Activities may need to be modified to fit current restrictions and guidelines related to COVID-19. For up-to-date information about COVID-19 Public Health guidelines visit <u>york.ca/safeatschool</u>.

Good luck and don't forget your health promotion activities can make an enormous difference in the keeping your school **tobacco and vape-free!**

Be creative and have fun!

Getting Started

WHEN TO START?

Discuss when you want to start your campaign. You may decide to start Tobacco and Vape-Free activities during a specific month such as January. **National Non-Smoking Week** is the 3rd week in **January.**

There are many **health promotion days** for tobacco and vaping prevention already in the calendar. Consider other fun activities that you can plan throughout the entire school year (See <u>Appendix Y</u> for calendar). To get started, follow these **three steps**:



Step 1: Brainstorm

Ask your school champion to lead a brainstorming session with your group.

Instructions: Talk about ways that tobacco and vaping prevention is already being promoted:

- 1) In your classroom
- 2) In your school

- 3) At home
- 4) In your community

Think about where/how you have learned about the harmful effects of tobacco use and vaping. There are no right or wrong answers!

	In your classroom
What's already	In your school
happening?	At home
	In your community
	In your classroom
What can we do	In your school
better?	At home
	In your community

Step 2: Plan and Act

Think about what you have learned from the brainstorming session. What would you like to improve? When deciding what activities to run in your school, use the answers in your brainstorming chart as a starting point to improve upon what you are already doing.

Create a plan! Include **what** activities you will do, **when** you will do each activity, **how** you will do each activity, and **who** will be responsible for each activity.

ACTIVITY PLANNING WORKSHEET

Group Members:

Activity 1: _

Instructions: Outline the activities you would like to do, when you will do them, and who will lead each activity.

_____ (Insert Activity Name)

TIP: Choose activities from different categories to keep students excited about your campaign!

Actions Needed	Student(s) Leader	Timeline	Completed (√/x)
Activity 2: (Insert Activity Name) Group Members:			
Actions Needed	Student(s) Leader	Timeline	Completed (√/x)

Step 3: Celebrate

At the end of your campaign, it's time to evaluate and celebrate! Ask your school to complete the student survey (<u>Appendix Z</u>). Next, discuss the following areas related to your activities and list the information that fits best under each heading. You can also use the information listed to plan for next year's events.

Activities completed
1.
2.
3.
Successes
✓
\checkmark
✓
Challenges
\checkmark
✓
✓
Planning for next year: Goals or ideas
Tip: Review the results from your student survey (<u>Appendix Z</u>). Use this information to help you plan how you can make it better next year!
1.
2.
3.

ACTIVITY EXAMPLES

Voice — Spread the Word!

"The more you know, the more you see" - Aldous Huxley

Spread the word! Promoting your message through writing, displays or telling stories are powerful ways to address myths about tobacco use and vaping. Promoting healthy choices and spreading knowledge can help people in your community make the decision to stay Tobacco and Vape-Free. Make your voice heard and teach your school about tobacco and vapes!

ACTIVITY 1 — PA ANNOUNCEMENTS

Description

Group Size: Individual or small group

Create your own PA Announcements to teach the school about tobacco and vaping facts or use the samples provided. Use short skits, question and answer, and other fun ways to get your message out to the school. Consider using announcements to introduce other activities throughout your campaign.

See Appendix A for samples.

ACTIVITY 2 — POSTERS

Description

Group Size: Small group to whole classroom

Create your own campaign posters to spread the word about the myths and the facts of tobacco and vapes. Use markers, pencil crayons, and more! Consider using these posters to promote other activities you would like to do during your campaign.

Click here to see poster examples.

See Appendix K for myth and fact examples.

ACTIVITY 3 — NEWSLETTERS

Description

Group Size: Small Group to large group

Create your own newsletter to help spread the truth about tobacco and vaping or use the samples provided. Work with your team to decide on a list of topics that you think your school community would find interesting and/or benefit from knowing more about.

See Appendix B for samples.

ACTIVITY 4 — STORY-TIME

Description

Time: 30 minutes

Group Size: Small group to whole classroom

Plan to read a story to the primary classes to teach students about tobacco using the storybook called *Smoking and Quitting: Clean Air.* Consider choosing student leaders to play different roles in the book to get the students interested in the story. Create costumes or incorporate other props.

See Appendix C for instructions.

Show - Check This Out

"The world is the true classroom. The most rewarding and important type of learning is through experience, seeing something with your own eyes" – Jack Hanna

Check this out! Demonstrating how tobacco and vapes can affect your health by using models, props, and fun presentations can help students understand why it is important to make and maintain safer and healthier choices. Let's stay Tobacco and Vape-Free!

ACTIVITY 1 — DISPLAY BOOTH

Description

Time: 30-45 minutes

Group Size: Whole classroom to whole school

Plan, organize and create a display booth that teaches students about a topic related to the harms of tobacco and/or vaping. Incorporate games such as "Plinko", "Myth Busters" or a "Trivia Wheel" to engage the audience.

See Appendix D for examples and instructions.

ACTIVITY 2 — "IT'S NOT JUST WATER VAPOUR"

Description

Time: 30-45 minutes

Group Size: Whole classroom

Host a demonstration about the harmful health effects of vaping aerosols on the lungs. Use spray bottles with water and hairspray to display the difference between water vapour and the aerosols made by vaping (Remember to follow your school's scent policy). See <u>Appendix G</u> for instructions.

ACTIVITY 3 — "FLAVOUR DANGER"

Description

Time: 30-45 minutes

Group Size: Small group to whole classroom

Host a presentation to uncover the truth behind marketing tactics used by the Big Tobacco and Vape industry and the harmful health effects of these products on the body using colourful juice and water. (Remember to be aware of student allergies.) See Appendix I for instructions.

ACTIVITY 4 — "MR. GROSS MOUTH"

Description

Time: 30-45 minutes

Group Size: Whole classroom

Host a presentation about the health effects of tobacco products using a model of an unhealthy mouth (Contact your public health nurse to receive support with this activity).

See Appendix F for instructions.

ACTIVITY 5 — "PIG'S LUNG"

Description

Time: 45-60 minutes

Group Size: Whole classroom

Host a presentation about the effects of tobacco products using a healthy pig's lung and an unhealthy pig's lung. Discuss how both tobacco use and vaping effect human lungs (Contact your public health nurse to receive support with this activity). See Appendix H for instructions.

Play - Ready, Set, Go!

"Play is our brain's favourite way of learning" - Diane Ackerman

Time to Play! Games are a great way to spark excitement and interest in a topic. Through play, you can help your school learn about the harmful health effects of tobacco and vape products, how to say "no" and why your school should stay Tobacco and Vape-Free. Playing games creates a safe starting point for conversation and can increase knowledge to help students make healthier choices.

ACTIVITY 1— "MYTH BUSTERS"

Description

Time: 15 minutes

Group: Small group to whole classroom

A race to identify what is a fact and what is a myth related to vaping. Use the samples or create your own myths and facts.

See Appendix K for instructions and samples.

ACTIVITY 2 — "WHAT IS IT MADE OF?"

Description

Time: 30 minutes

Group: Small group to whole classroom

A race to match pictures with words to learn about the chemicals that are in cigarettes and vapes. See Appendix L for instructions.

ACTIVITY 3 — "BLOWING PAINT"

Description

Time: 30 minutes

Group: Small group to whole classroom

An art activity using paint and straws to learn about the impact of smoking and vaping on the human lungs. See Appendix M for instructions.

ACTIVITY 4 — "SHADOWS OF THE ACADEMY" CARD GAME

Description

Time: 60-120 minutes.

Group Size: Small group to whole classroom

A cooperative card game to learn about the harmful effects of tobacco and vaping and how to say "no" to tobacco use and vaping. Students must work together to help each other stay healthy, resist peer pressure, and defeat Her Vileness and the Toxic 12 (ask your public health nurse to borrow this card game). See Appendix N for instructions.

ACTIVITY 5 — "NOT AN EXPERIMENT" ESCAPE ROOM

Description

Time: 60-120 minutes

Group: Independent to whole classroom

An in-person or virtual escape room to discover the dangers of vaping, the industry tactics used to target youth, and how to fight against the industry to make healthy and informed choices. See Appendix O for instructions.

Move - Get Active

"What you do today can improve all your tomorrows." - Anonymous

Let's get moving! Physical activity is good for your body and mind. Getting active can be fun with small groups, large groups, or even your whole school. Making physical activity a part of everyday life helps to make it a part of your daily routine. Tobacco use and vaping can have harmful effects on our physical and mental health which can negatively impact our physical activity.

ACTIVITY 1 — "UNCOVER THE TRUTH"

Description

Time: 15 minutes

Group: Small group to whole classroom

Work as a team to find the truth. Cards with facts and myths about vapes and tobacco are spread around the activity space. Teams race against the clock to organize true facts on one side of the room and myths on the other side of the room. See Appendix J for samples.

ACTIVITY 2 — "MAKE YOUR CHOICE"

Description

Time: 30 minutes

Group: Large group to whole classroom

Respond to statements about the tobacco and vape industry by moving to corners of the room that are labelled "Agree", "Disagree" or "I Don't Know". Learn about how the tobacco and vape industry targets children and youth.

See Appendix P for instructions.

ACTIVITY 3 — "FREEZE THE INDUSTRY" CAPTURE THE FLAG

Description

Time: 30-45 minutes

Group: Large group to whole classroom

A game that combines capture the flag and freeze tag to learn facts about tobacco and vape products while being physically active. See Appendix Q for instructions.

ACTIVITY 4 — "CLEAN-UP THE BUTTS AND PODS"

Description

Time: 45-60 minutes

Group: Small group to whole classroom

Organize a cigarette butt and vape pod cleanup to learn about the negative effects tobacco and vape litter have on the environment. Place the cigarette butts and vape pods in a jar and learn facts about the environmental impact of tobacco and vape litter.

See Appendix R for instructions.

TIP: You may also want to incorporate this into Earth Week (which falls in April 22).

Action — Working Together

"Our lives begin to end the day we become silent about things that matter." – Martin Luther King Jr.

Time to act! Working together is an opportunity to have your voice heard, create a meaningful impact, and most importantly, strengthen your school community. Giving your school a chance to participate in the movement towards a Tobacco and Vape-Free environment and lifestyle can help to create lasting change in your community. A great time to use these activities is at the end of your campaign or the end of another activity where your classroom or school has learned how to say "no" to tobacco and vape products.

ACTIVITY 1 — "HELPING HANDS" BANNER

Description

Time: 30 minutes

Group: Whole classroom or whole school

Create a "Helping Hands" banner with paper hand cut-outs to display the healthy choices your school has made to stay away from tobacco and vapes and how you say "no" to tobacco and vaping. Hang your display for all to see to encourage your school community to make healthy choices.

See Appendix S for instructions.

ACTIVITY 2 — "LUNG TREE" PLEDGE WALL

Description

Time: 30 minutes

Group: Whole classroom or whole school

Create a pledge wall to demonstrate your classroom's and/or school's commitment to stay tobacco and vape-free and support those who want to quit. Consider a "tree poster" that looks like an upside-down set of lungs. The "Lung Tree" poster is placed in a display area or on a wall. Have each student write their pledge on a leaf, then tape the leaf on the tree.

See <u>Appendix T</u> for instructions and examples. See <u>Appendix U</u> for an alternative pledge form.

ACTIVITY 3 — "CHALK THE WALK"

Description

Time: 30-60 minutes

Group: Whole classroom or whole school

Host an event to get your school involved in learning about and display the Big Tobacco and Vape industry tactics. Learn about their true intentions using chalk messages and drawings. See Appendix V for instructions.

ACTIVITY 4 — POSTER OR DOOR-DECORATING CONTEST

Description

Group: Whole classroom or whole school

Plan a poster or door decorating contest to share important facts about the harmful effects of tobacco and vaping. The winning posters or classroom doors can be put on display for all to see. Primary students can use a colouring page to participate. Consider sharing photos of the winning posters or doors in your school newsletter/website.

See <u>Appendix W</u> for newsletter sample. See <u>Appendix X</u> for sample colouring page.

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Appendix A

PA ANNOUNCEMENT SAMPLES

Use the following sample PA announcements to get your school excited about your Tobacco and Vape-Free campaign. Use PA Announcements to introduce activities, provide facts, or even play a trivia game! Feel free to create your own announcements.

General PA Announcement

"Did you know that we celebrate **National Non-Smoking Week** in January! This month your *healthy* school student club members are busy planning activities to help you learn about tobacco and vape products and why you should stay Tobacco and Vape-Free! You don't want to miss it! Remember to just say NO to vapes and tobacco!"

"Fast Facts" PA Announcement

"Hello <u>(School name)</u> students! This is your *healthy school student club* here to bring you the facts!" [Use one of the facts below or add your own]

- Did you know cigarette butts are contributing to the largest amount of garbage waste? They take more than 10 years to break down! Let's be Tobacco-Free and help our environment!
- After only 1 hour in the water, cigarette butts leak dangerous chemicals into the water that can hurt our marine environment. Let's be Tobacco-Free and help our environment.
- Vape pods are dangerous on playgrounds where babies, children, and animals can pick them up and put them in their mouths. This can cause nicotine poisoning and make them sick! Let's stay Tobacco and Vape-Free and keep our environment safe!
- Nicotine is the dangerous and highly addictive drug in tobacco and vapes. Nicotine makes your heart work harder which can make it harder to do well in sports. Let's stay Tobacco and Vape-free!
- Did you know tobacco products include more than just cigarettes? Harmful tobacco products include cigarettes, cigars, cigarillos, pipes, chewing tobacco and more. Let's be Tobacco-Free and stay away from all of these harmful tobacco products!
- Did you know that the average person who smokes will smoke about 10 cigarettes a day? That is
 half of a whole pack! Smoking half a pack of cigarettes everyday costs you about \$2500 dollars a
 year! Think of all the things you could spend that money on if you didn't smoke.
- Did you know that using one vape pod is the same as smoking 20 cigarettes! Vaping is not just water vapour and has been linked to lung diseases! Don't be tricked! Stay Vape-Free!
- Did you know that the legal age to buy a vape is 19 years old? If you are caught selling a vape, even to a friend, you can be fined \$490! If you vape on school property, even if it's not during school hours, you can be fined \$305! Think about what you could do with all that money!? It's not worth it. Stay Vape-Free!

"Do You Know" Trivia Game PA Announcements

- 1. Choose 5 trivia questions related to tobacco and vapes. Use the samples provided or create your own.
- 2. Write the answers to your questions on posters and place them on the walls around the school.
- 3. Ask your school one trivia question each day using PA Announcements and let students know that the answers are posted on the walls in the school.
- 4. Ask students to look for the answers and bring their answers to the library each day.
- 5. The following day, announce the answer to your trivia question and ask a new trivia question.
- 6. Continue to ask trivia questions, have students search for answers, and reveal the answers the next day.
- 7. At the end of the week, choose 3 names with the correct answers for a prize (optional).

Day 1

Voice One: Hello! Hello! Do YOU know? This week we are here to bring you the ULTIMATE TRIVIA CHALLENGE! DO.. YOU.. KNOW!? We will be asking a question every day for one week and posting the answers randomly around the school so keep your eyes and ears open.

Voice Two: Listen up! It's TRIVIA TIME! Do you know how many chemicals are in one cigarette? Look for answers randomly placed on walls around the school.

Voice One: Bring your answers to the library by the end of each day. Submit the correct answer every day and you will have a better chance of winning a prize at the end of the week!

Voice Two: Winners will be announced ___(Date) _! This message has been brought to you by your healthy school student club! Remember to be Tobacco and Vape-Free!

Day 2

Voice One: DO! YOU! KNOW! Hello **(School name)** students! Yesterday we asked you if you knew how many chemicals are found in one cigarette. The answer is... 7000! Gross!

Voice Two: Now get ready.. IT'S TRIVIA TIME! Do you know what rat poison, nail polish remover and formaldehyde (that stuff they preserve dead bodies with) have in common? Look for answers randomly placed on the walls around the school.

Voice One: Bring your answers to the library by the end of the day!

Voice Two: This message has been brought to you by your *healthy school student club*! Remember to be Tobacco and Vape-Free!

Day 3

Voice One: TIN? NAILS? CHEMICALS? So, what does a tin can, nail polish remover and formaldehyde have in common? They are all chemicals in cigarettes and vapes! I definitely won't be putting those things in my body!

Voice Two: Now it's time for another DO YOU KNOW trivia question! Do you know what chemical can change your brain and make it hard for you to learn, remember and concentrate? Look for answers on the walls around the school.

Voice One: Bring your answers to the library by the end of the day. Don't forget there are prizes that you can win at the end of our DO YOU KNOW TRIVIA week!

Voice Two: This message has been brought to you by your *healthy school student club*! Don't cloud your memory! Remember to be Tobacco and Vape-Free!

Day 4

Voice One: Brain Fog! Clouded memory! We asked you if you knew what chemical can change your brain and make it hard to learn, remember and concentrate. The answer is nicotine! This is the chemical found in vapes and tobacco products like cigarettes and chewing tobacco! **Voice Two:** That is the stuff that makes you addicted too! Keep that stuff away from mel Time for our

Voice Two: That is the stuff that makes you addicted too! Keep that stuff away from me! Time for our next trivia question. TRIVIA TIME! What does the Big Tobacco and Vape industry do to try to trick kids into using tobacco and vape products? Look for answers randomly placed on walls around the school.

Voice One: Bring your answers to the library by the end of the day! Don't forget! **Voice Two:** This message has been brought to you by your healthy school student club! Don't be fooled by the industry! Remember to be Tobacco and Vape-Free!

Day 5

Voice One: Industry.. INDUSTRY.. tactics and lies! So, what does the industry do to trick kids into trying tobacco and vape products? They use cartoon characters, sleek designs, and flavours to hide the TRUTH about how these products are bad for your lungs, heart and your brain!

Voice Two: No one is going to make me look like a fool! There is nothing cool about harming my body! We have learned a lot about how tobacco and vapes have harmful chemicals and effects on the body this week.

Voice One: We sure have! Thank you for playing DO! YOU! KNOW! The winners of our trivia challenge are ___(Winners names)_! Congratulations!

Voice Two: Don't let the flavours fool you! Let's stay Tobacco and Vape-Free!

Appendix B

NEWSLETTER EXAMPLES

BREATHE HEALTHY AND LIVE HAPPY

A smoke-free environment is important to keep your child healthy

WHAT IS SECOND-HAND SMOKE?

Second-hand smoke contains more harmful chemicals than smoke inhaled directly by a person who smokes because it does not pass through a filter. Therefore, there is no safe level of exposure to second-hand smoke. Keep your home and car smoke-free.

WHY ARE CHILDREN AT RISK?

Children are at risk because their lungs are still growing and developing. They breathe more quickly and, as a result, take in more of the dangerous chemicals for their size than adults.

Their immune systems are less developed than adults so smoking in the home increases a child's risk of getting colds, ear infections, bronchitis, asthma, and pneumonia.



This material is provided by York Region Public Health. For more information on tobacco-free living please visit york.ca/tobacco or email tobaccofreeliving@york.ca.

E-CIGARETTES: WHAT PARENTS NEED TO KNOW

Youth who do not use tobacco are beginning to experiment with vaping

An **e-cigarette** is a battery-operated device that changes a liquid chemical, called e-liquid, into a vapour that can be inhaled. This is often called **vaping**.

E-liquids do not contain tobacco. However, most of these products contain nicotine which is the addictive substance found in cigarettes, as well as flavouring and other chemicals. Research has demonstrated there are both short and long-term health risks.



Although e-cigarettes may have fewer chemicals than tobacco cigarettes, vaping is not harmless.

Youth who do not use tobacco are beginning to experiment with vaping believing that it is a safer alternative. E-cigarette use may cause youth to start smoking cigarettes or using other substances.

For more information, visit Vaping and e-cigarettes and E-cigarettes: To Vape or Not to Vape?

This material is provided by York Region Public Health. For more information on tobacco-free living please visit york.ca/tobacco or email tobaccofreeliving@york.ca.

MOVIES INFLUENCE KIDS. MAKE THEM SMOKE-FREE

The more kids and teens see smoking in movies, the more likely they are to start smoking

HELP MAKE MOVIES SMOKE-FREE

Get the facts

Learn more about how movies influence youth by visiting smokefreemovies.ca.



Talk it out

Talk to your friends and family about the issue of smoking in movies. Visit <u>mediasmarts.ca</u> for tips about how to help kids understand messages that they receive in the media.

Set limits

Be more media aware at home by setting parameters on media content your child is watching.

For more information, watch and share the following video:

The Power to Change: Make Movies Smoke Free

This material is provided by York Region Public Health. For more information on tobacco-free living please visit york.ca/tobacco or email tobaccofreeliving@york.ca.

IS THIRD-HAND SMOKE REAL?

What is third-hand smoke?

Third-hand smoke is very real and includes the toxic chemicals from tobacco smoke that are left behind, even after the cigarette, cigar or pipe has been put out. These chemicals get trapped in your hair, skin, fabric, carpet, furniture and toys for days after a cigarette is put out. It builds up over time, long after the smoke can no longer be seen or smelled. Opening a window or running a fan/air purifier will not get rid of tobacco smoke.



IF YOU SMOKE, PROTECT THOSE CLOSE TO YOU

- Keep your home and vehicle smoke-free
- Smoke outdoors and away from entrances or windows
- Wash your hands after smoking
- Wear a jacket or layer of clothing that can be removed after smoking before going into your home

This material is provided by York Region Public Health. For more information on tobacco-free living please visit york.ca/tobacco or email tobaccofreeliving@york.ca.

SECOND-HAND SMOKE AND YOUR PET

How second-hand smoke affects pets

Tobacco products can be harmful to pets when they breath in second-hand smoke. Pets also take in the toxins from third-hand smoke when they lick their fur or pick through their feathers. Second-hand and third-hand smoke can affect your pet's health in the following ways:

DOGS	CATS	BIRDS	OTHER HEALTH PROBLEMS
Lung cancerNasal cancerAllergy	Oral cancerLymphoma	Lung cancerPneumonia	Eye irritationSkin irritationHeart problems

Symptoms of nicotine poisoning in pets

Nicotine poisoning can happen when pets ingest tobacco products such as cigarette butts, cigars, chewing tobacco or nicotine replacement therapy products. For example, if a pet ingests one cigarette or one cigar this can potentially be life threatening. Symptoms of nicotine poisoning include:

- Excitation
- Increased salivation
- Panting
- Vomiting
- Diarrhea
- Muscle weakness
- Twitching
- Collapse
- Increased Heart Rate
- Heart attack

HOW TO KEEP YOUR PET SAFE

- Quit smoking
- If you are not ready to quit, cut down
- Make your home and car smoke free
- Wash your hands after smoking and before touching your pet
- · Ask others not to smoke around your pet
- Keep ashtrays clean



Appendix C

STORY-TIME

Instructions

- 1. Plan a time to share the story (an indoor recess may work well).
- 2. Ask your adult leader to borrow or print the storybook Smoking and Quitting: Clean Air.
- 3. Read the storybook to the students.
- 4. Consider having student leaders play different roles in the book to get the students interested in the story. Create costumes or use other props. Have fun and get creative!

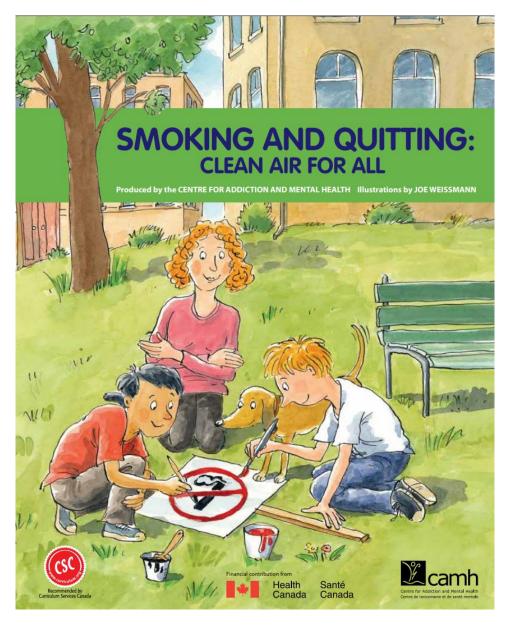


Image courtesy of: Centre of Addiction and Mental Health (2011). Smoking and Quitting: Clean air for all. http://www.camh.ca/-/media/files/guides-and-publications/smoking-and-quitting-en.pdf

Appendix D

DISPLAY BOOTH INSTRUCTIONS & EXAMPLES

Instructions

- 1. Choose a topic for your display booth.
- 2. Choose a location for your display. Consider a central location in your school/classroom.
- 3. Decide what you would like to include at your display booth. Some examples include:
 - **Display Board -** Display information about your topic in a creative way using poster-paper, tri-fold display boards or a bulletin board. Get creative!
 - **Myth Busters** Students try to match myths to the truths about your topic. This game can be used before or after students have learned about your display booth. See Appendix K for vape myth buster samples.
 - **Trivia Wheel -** Students spin a wheel to test their knowledge by answering trivia questions from different categories. Ask your public health nurse to borrow this resource.
 - Plinko Students will drop a token down the Plinko board. Whenever the token lands, the student will answer a question about that topic to test their knowledge. Ask your public health nurse to borrow this resource.
 - Prizes Include small prizes and giveaways (optional).
- Let your school know about your display by creating your own PA Announcements or Newsletter.

PA Announcement sample

"Hello everyone! This is your *healthy school student club* here to give you the facts about tobacco and vaping. Did you know __(Add a tobacco/vape fact) _. It's true! Come learn more at our display booth on _(Date)_. Get the facts about tobacco and vapes and play some games too!"





Appendix E

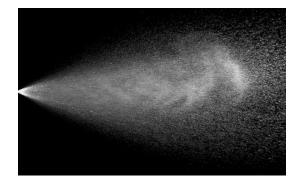
"IT'S NOT JUST WATER VAPOUR" DEMONSTRATION INSTRUCTIONS AND SCRIPT

Purpose

To learn about the difference between water vapour and aerosols and to demonstrate the harmful health effects of vape aerosols on the lungs. (Remember to follow your school's scent policy.)

Materials

- 1 spray bottle filled with water
- 1 can of hairspray/deodorant



Instructions

- 1. Create a script that the student leader and public health nurse/school champion will present to students. Use the sample script provided or create your own.
- 2. Promote your presentation by using PA Announcements.
- 3. Deliver your presentation and demonstrate how the clouds made from vapes and water vapour clouds may look the same but vapes create aerosols that contain harmful chemicals.

PA Announcement sample

"Hello <u>(School name)</u>! Do you know what nail polish remover, antifreeze, lead, tin and nickel have in common? These are chemicals found in vapes! Come see our demonstration on <u>(Date)</u> to learn what vapes are really made of! It's not just water vapour! Stay Tobacco and Vape-Free!"

Sample script

The script is for one healthy school student club member (**HSSCM**) to co-present with the school's public health nurse (**PHN**) or school champion.

HSSCM: Welcome grade _____ students. My name is ____(Student name)___, and I am a member of the healthy schools student club. In January we celebrate National Non-Smoking Week, and because of that we are going to be learning about the effects vape products have on our health. Today we have our public health nurse/school champion ______, here with us and together we are going to help you understand the health effects of vaping and encourage you to stay Vape-Free.

PHN: Yes, today we are going to learn about vaping, and we are going to have the opportunity to explore water vapour versus aerosols. You also can ask questions throughout the presentation.

HSSCM: Do you think, it is more important to eat, drink, or breathe? (*Let students answer*) That's right breathing is the most important.

PHN: Who can tell me how we breathe? (Mouth/nose, trachea, bronchi, lungs, alveoli, oxygen into our bloodstream and distributed throughout our body)

HSSCM: I have a riddle for you: What do tin, lead, nickel, rat poison, and formaldehyde have in common? (*Let students try and guess*). The answer is all of these things are found in vapes!

PHN: Many of the chemicals in vapes are poisonous. You wouldn't want to put that in your body!

PHN: What's the first thing that comes to mind when I say the word "Vape"? (e.g., vaping, flavours, clouds, pen, hard to breathe, health damage, sick, cancer, expensive, addictive, plastic litter, poisons, concentration, academic performance, asthma, etc.)

HSSCM: Let's try a little experiment! I filled this spray bottle with water. If I spray this on Mr./Mrs.

(Public Health Nurse/ School Champion name) hair, what will happen? (Spray water on hair and let students answer)

PHN: My hair will get wet. In 30 minutes, when the water dries, will there be anything left on my hair? Nothing will be left because this was just spray or water vapour.

PHN: Is it safe to spray this in my mouth and swallow it? Yes, it's only water and it's safe to digest.

HSSCM: Water vapour is something we can see like fog or steam!

PHN: Now what will happen if I spray this hairspray on my hair? There may be a smell, my hair might get a little wet or sticky. What will happen after 30 minutes? My hair will stay in one place because the spray holds my hair. (*Avoid spraying hairspray in indoor spaces. Follow the school's scent policy*)

PHN: Do you think it's safe to spray this in my mouth and swallow it? No, hairspray is not ok to drink.

HSSC: The spray from the water bottle and the hairspray might look the same but they are very different! Hairspray has small particles which are chemicals that hold hair.

PHN: That's right, aerosols are made of small particles which are chemicals. Some chemicals in aerosols do things like hold hair and other chemicals if inhaled will do damage to our lungs. The clouds from vaping are an aerosol with harmful chemicals created when e-liquid is heated.

PHN: Vapes contain four main ingredients: vegetable glycerin (VG), propylene glycol (PG), nicotine, and flavourings. Just like the particles that were left behind to hold my hair from the hairspray, vapes leave behind chemicals in our bodies that can cause damage to the lungs and our brains if inhaled.

PHN: How does vaping affect our **Heart**: it works harder because nicotine makes it beat faster; **Lungs**: it is harder to breathe, cough more; **Brain**: difficulty concentrating or remembering because of nicotine.

PHN: Why do you think people start vaping? (Curious, peer pressure, someone they know does it, idols/heroes, cool, fit in, some people think it will make them feel better or lesson their stress, etc.)

PHN: What can you do? (Don't start, say NO, help your friends say NO, ask people not to vape around you, help parents/friends quit, find something else to do, look out for commercials that show vape use.)

HSSCM: When people quit vaping they will have the benefit of having a clear mind to be able to do well in school, be able to breathe easier, more energy, and save a lot of money! Watch for other Tobacco and Vape-Free activities throughout the month from your *healthy school student club*!

PHN: Thank-you for listening to the information about the harmful effects of vaping and remember to stay Tobacco and Vape-Free!

Appendix F

"FLAVOUR DANGER" DEMONSTRATION INSTRUCTIONS

Purpose

To inform students about the health dangers of flavoured e-cigarette products and raise awareness about how the Big Tobacco and Vape industry adds flavours and colourful designs to their products to appeal to youth.

Materials

- 2-3 flavours of juice
- Small cups
- Colourless water
- Morph suits/colour-themed clothing (Optional)

Helpful facts

- The Big Tobacco and Vape industry add flavours to target youth.
- The industry continues to find ways around the law to keep promoting their products to youth and children.
- Vaping flavours which have chemicals in them can affect the youth brain, cause problems with wheezing and coughing and can be harmful to your overall health.
- The health effects of vaping are now known to cause lung damage, strain on the heart, and changes to the brain.
- Flavoured e-liquids are not harmless and are known to cause lung damage.

Instructions

- 1. Make small cups of colourful juice and small cups of water for students.
- 2. Create a display about why flavours are dangerous in tobacco and vape products.
- 3. Talk about the harmful chemicals in e-liquid flavours.
- 4. Instruct students to choose between a small cup of juice or small cup of water. *Most students will choose the juice.*
- 5. Juice and water are both liquids that you can drink. The difference is that one is colourful with added flavourings, and one is plain water. Discuss the similarities and differences between juice and water with the audience.
- 6. Discuss how eliminating flavours from e-cigarettes protect youth from various chemicals and making difficult choices.

PA Announcement sample

"Did you know formaldehyde is found in vapes? That's right! That is the stuff they use to preserve dead bodies! Would you want to try my new formaldehyde lollipop? Yuck.. I didn't think so! Come to our Flavour Danger presentation on __(Date)_ and learn more!

What now?

Talk to students about what choice they made. This is to show students how Big Tobacco and Vape Industry use flavours and colours to market products to youth even though there are harmful chemicals inside. Ask these questions:

- How do you feel about the industry marketing harmful products to youth?
- Do you think you would choose the water if that was your only choice? Or would you choose not to take it?
- How will you say no to flavoured tobacco and vape products?
- Create a petition to the federal government asking for flavored electronic cigarette products to be banned.
- Chewing tobacco used to come in many flavours and is now only available in Canada in mint and tobacco flavour. Many youth created a petition to the government to make this happen. The same can be done with vapes!
- Protect other youth from being influenced to try these products.
- Create a debate and or a social justice group to talk about this further.

Play the *Not An Experiment* escape room activity to learn more about Big Vape industry (See <u>Appendix</u> O for *Not An Experiment* instructions).

Appendix G

SAMPLE NEWSLETTER INSERT ANNOUNCING DEMONSTRATIONS

Healthy Schools update
On students in grades will have an opportunity to participate in interactive workshops delivered by our <i>healthy school student club members</i> and our public health nurse Mrs./Mr (Public Health Nurse name) Using a resin model called "Mr. Gross Mouth", the "Jar of Tar" and/or two sets of preserved pig lungs to engage students, <i>healthy school student club members</i> and Mrs./Mr (Public Health Nurse name) will promote discussion and raise student awareness on:
 Oral and lung health Maintaining healthy Tobacco and Vape-Free living The impact of tobacco and vape use on active living and healthy nutrition Smart decision-making Resisting peer pressure Becoming media literate The meaning of dependency and more
Students interested in examining the lungs will wear gloves to feel and explore the damage done by prolonged exposure to tobacco. Each presentation will be carefully designed to match the grade and students' level of understanding. Students will receive resources to enhance their learning and promote further discussion with family and friends. In a fun and interactive way, these workshops will develop student knowledge and arm them with strategies and skills on why and how to say "NO" to tobacco and vape products.
Thank you for your support.
Sincerely,
Vour Hoalthy School Student Club

Appendix H

"MR. GROSS MOUTH" DEMONSTRATION INSTRUCTIONS & SCRIPT

Purpose

To learn about the health effects of tobacco products using a resin model of an unhealthy mouth with support from a public health nurse/leader.

Materials

Mouth model (Supplied by the public health nurse/leader)



Instructions

- 1. Create a script that the student leader and public health nurse/leader will present to students. Use the sample script provided or create your own.
- 2. Promote your presentation by using PA Announcements or a Newsletter (See <u>Appendix G</u> for a Newsletter sample).
- 3. Deliver the presentation and demonstrate the effects of tobacco by exploring the unhealthy mouth model.
- 4. Allow students to explore "Mr. Gross Mouth" at the end of the presentation.

PA Announcement sample

"Good morning, this is your healthy school student club with another Tobacco-Free activity! On **(Date)** our healthy school student club and Mrs./Mr. **(Public Health Nurse/Leader name)** will be hosting a "Mr. Gross Mouth" demonstration. You will learn about tobacco and have an opportunity to see a model of a mouth that shows how tobacco products effect our mouth. Remember to stay Tobacco-Free!"

Sample script

This script is designed for one healthy school student club member (**HSSCM**) to co-present with the school's public health nurse (**PHN**) or public health leader.

HSSCM: Welcome grade _____ students. My name is ____(Student name)___, and I am a member of the healthy schools student club. In January we celebrate National Non-Smoking Week, and because of that we are going to be learning about the effects that tobacco products have on our health. Today we have ___(Public Health Nurse/Leader name)___, here with us and together we are going to help you understand the health effects of tobacco and encourage you to stay Tobacco-Free.

PHN: We are going to learn what tobacco is, how tobacco affects people, and how to say "no" to tobacco.

HSSCM: What are some of the things that we do every day to keep healthy, safe, and clean? (*Let students answer.*)

PHN: You all had great answers. You are right, we do lots of things to keep healthy like eating right, getting enough sleep, keeping active, wearing seatbelts, brushing our teeth, etc.

HSSCM: What are some things that we do that are not so good for us? (*Let students answer.*)

PHN: That's right, smoking cigarettes, or using chewing tobacco is not good for our bodies. Who knows what tobacco is? (Plant, tobacco products have over 7,000 chemicals and poisons, addictive nicotine.)

HSSCM: What do you think, it is more important to eat, drink, or breathe? (*Let students answer.*) That's right breathing is most important.

PHN: Do you think using tobacco products or smoking makes it easier or harder to breathe? (Harder to breathe, out of breath more quickly, coughing or sick more often)

PHN: How does tobacco affect our **Heart:** it works harder because nicotine makes it beat faster; **Lungs:** it is harder to breathe, cough, and you get more colds; **Mouth:** it stains teeth, causes bad breath, you can't taste our favourite flavours like fresh fruit, chocolate cake and strawberry ice cream.

PHN: This is our display mouth called "Mr. Gross Mouth". It shows some of the effects of using tobacco products that are smoked or chewed. What do you notice about "Mr. Gross Mouth"? (Hairy tongue, rotten teeth, black gums, mouth sores, cavities, lost teeth, tumours, yellowing, etc. "Mr. Gross Mouth" is an example of some of the kinds of things that come from chewing tobacco.)

HSSCM can hold up "Mr. Gross Mouth" display for everyone to see

PHN: How else can tobacco products hurt us? (Expensive, addictive, breath smells bad, harder to breathe, get more colds, ear infections, and coughs, makes pimples last longer, makes our heart work harder, staining of teeth, bad breath, can't taste or smell food as well as others, etc.)

PHN: Who knows what second-hand smoke is? (It is the poisonous smoke created by burning a cigarette, cigar, or pipe or smoke that someone blows out while using a cigarette.)

PHN: Can second-hand smoke hurt us? (YES, because it moves through the air that you are breathing, it contains the same chemicals that smokers are inhaling)

PHN: Why do you think people start smoking? (Peer pressure, idols/heroes do it, to fit in etc.)

PHN: What can you do? (don't start; say NO, help your friends say NO; ask people not to smoke around you; help parents and friends quit; find something else to do; be media savvy)

HSSCM: Let's practice saying "No" to tobacco. On the count of 3, we are all going to shout "Say no to Tobacco!" Ready? "1...2...3...Say No to Tobacco!"

PHN: When people quit smoking they will have the benefit of fresher breath, better smelling clothes, be able to breathe easier, more energy, be sick less often, and save a lot of money!

PHN: Thank-you for listening and remember to stay Tobacco-Free!

HSSCM: Watch for other Tobacco and Vape-Free activities throughout the month from your *healthy* school student club!

PHN may allow students to ask questions or come up to the display if time allows

Appendix I

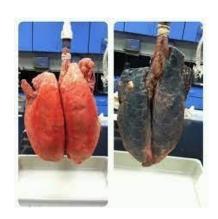
"PIG'S LUNG" DEMONSTRATION INSTRUCTIONS & SCRIPT

Purpose

To learn about the health effects of tobacco products using a healthy pig's lung, and an unhealthy pig's lung with the support of a public health nurse. Learn how tobacco use and vaping effect the lungs.

Materials needed

- Healthy pig lung & unhealthy pig lung kit (Supplied by the public health nurse)
- Rubber gloves (one pair for each student)



Instructions

- 1. Create a script that the student leader and public health nurse will present to students. Use the sample script provided or create your own.
- 2. Promote your presentation by using PA Announcements or a Newsletter (See <u>Appendix G</u> for a Newsletter sample).
- 3. Deliver your presentation and demonstrate how the healthy pig lung inflates in comparison to how the unhealthy lung inflates.
- 4. Allow students to explore the "Pig's Lung" using gloves after your presentation is complete.

PA Announcement sample

"Hello __(School's name)__ this is your healthy school student club with another Tobacco-Free activity announcement! On __(Date)_ our healthy school student club members and Mrs./Mr__(Public Health Nurse name)_ will be providing a "Pig's Lung" demonstration for grades _____. You will have the opportunity to learn about tobacco and vaping. You will even have a chance to examine the lungs to see the harmful effects of tobacco use. Remember Play, Live, Be...Tobacco and Vape-Free!"

Sample script

The script is for one healthy school student club member (**HSSCM**) to co-present with the school's public health nurse (**PHN**). This script also includes a demonstration of "Mr. Gross Mouth".

HSSCM: Welcome grade ______ students. My name is _____(Student name)____, and I am a member of the *healthy schools student club*. In January we celebrate National Non-Smoking Week, and because of that we are going to be learning about the effects tobacco and vape products have on our health. Today we have our public health nurse, _____(Public Health Nurse name)_____, here with us and together we are going to help you understand the health effects of tobacco and encourage you to stay Tobacco-Free.

PHN: Yes, today we are going to learn about tobacco, and we are going to have the opportunity to see and examine a display of healthy and unhealthy pig's lungs. You will also have the opportunity to ask questions throughout the presentation.

HSSCM: What are some of the things we do every day to keep healthy, safe, and clean? (*Let students answer*.)

PHN: You all had great answers. You are right, we do lots of things to keep healthy like eating right, getting enough sleep, keeping active, wearing seatbelts, brushing our teeth, etc.

HSSCM: What do you think, it is more important to eat, drink, or breathe? (*Let students answer.*) That's right breathing is the most important.

PHN: Who can tell me how we breathe? (Mouth/nose, trachea, bronchi, lungs, alveoli, oxygen into our bloodstream and distributed throughout our body) (*Show poster of lungs for demonstration*)

HSSCM: I have a riddle for you: What do nail polish remover, floor and toilet bowl cleaner, rat poison, insecticide, gasoline additives, lead, mercury, and formaldehyde have in common? (*Let students try and quess*). The answer is all of these things are found in tobacco!

PHN: (*Show display of poster*) Look at all of those chemicals, and many of them are poisonous. You wouldn't want to put that in your body!

PHN: What's the first thing that comes to mind when I say the word "Tobacco"? (e.g., smoking, chewing, smell, hard to breathe, decreased endurance, organ/system damage, sick, cancer, death, expensive, addictive, pollution, poisons, appetite, concentration, academic performance, asthma, acne, etc.)

PHN: How does tobacco affect our:

Heart: it works harder because nicotine makes it beat faster.

Lungs: it is harder to breathe, cough, and you get more colds.

Mouth: it stains teeth, causes bad breath, and you can't taste our favourite flavours like fresh fruit, chocolate cake and strawberry ice cream.

HSSCM can hold up Mr. Gross Mouth display for everyone to see.

PHN: What do you notice about Mr. Gross Mouth? (Hairy tongue, rotten teeth, black gums, mouth sores, cavities, lost teeth, tumours, yellowing, etc.). Mr. Gross Mouth is an example of some of the kinds of things that come from chewing tobacco.

PHN: Does anyone know what chewing tobacco is? It is shredded tobacco sold in a tin or pouches. A pinch is kept between the cheek and gums for several hours at a time. The gums absorb the tobacco chemicals and the juice is spit out.

HSSCM: Flavoured chewing tobacco is just as harmful as non-flavoured chewing tobacco. It still contains over 3000 chemicals!

PHN: I'm going to show you a set of healthy pig's lungs. We use pig's lungs because they are so similar to human lungs. (Students that have identified that they do not want to see this part of the demonstration can discuss further with their teacher)

PHN: What do you notice about the healthy lungs? (Pink, soft, no lumps or marks, spongy, blow up evenly like balloons)

PHN: Now I'm going to show you a set of pig's lungs that demonstrate the effects of using tobacco products. What do you notice about these unhealthy lungs? (Black, don't inflate evenly, tumors)

PHN: Does anyone know what an e-cigarette is? E-cigarettes, also called vapes, are battery powered devices that heat a liquid chemical into a vapour that can be inhaled. Vapes contain four main ingredients including vegetable glycerin (VG), propylene glycol (PG), nicotine, and chemical flavourings. Some of the chemicals in vapes are known to cause lung damage like cigarettes also making it harder to inflate just like this unhealthy lung.

PHN: How else does smoking and chewing tobacco hurt us? (Breath smells bad, harder to breathe, get more colds, ear infections, and coughs, pimples take much long to heal, makes our heart work harder, makes our mouth yellow, sick, and smelly, can't taste or smell food as well as others, etc.). Vapes also can make our heart beat faster, damage our lungs, and make it harder to breathe (wheezing, coughing, make asthma worse).

HSSCM may hand out gloves to students who want to examine the lungs.

HSSCM: How many students like playing sports, dance, gymnastics, etc.? (*Let students answer*) Great, doing those things is fun, good exercise, challenging, and motivates us to do our best! How many of you know someone who has asthma? (*Let students answer*) Using vapes and smoking can make your asthma even worse!

PHN: How much better do you think athletes would be if they were Tobacco and Vape-Free? (Athletes love their bodies and want to take good care of them.)

PHN: Who knows what second-hand smoke is? (It is the poisonous smoke created by burning a cigarette, cigar, or pipe or smoke that someone blows out while using a cigarette.)

PHN: Can second-hand smoke hurt us? (It contains the same chemicals that smokers are inhaling. The long-term effect of second-hand vapour is not known but there are known chemicals in second-hand vape aerosols.)

PHN: Why do you think people start smoking or vaping? (Curious, peer pressure, someone they know does it, idols/heroes, cool, fit in, some people think it will make them feel better or make their stress better, etc.)

PHN: What can you do? (Don't start, say NO, help your friends say NO, ask people not to smoke or vape around you, help parents and friends quit, find something else to do, be media savvy and look out for movies and commercials that show tobacco use)

HSSCM: When people quit smoking they will have the benefit of fresher breath, better smelling clothes, be able to breathe easier, more energy, be sick less often, and save a lot of money! Watch for other Tobacco and Vape-Free activities throughout the month from your *healthy school student club*!

PHN: Thank-you for listening to the information about the harmful effects of tobacco and vaping and remember to stay Tobacco and Vape-Free!

PHN may allow students to ask questions or come up to the display if time allows.

Appendix J

TOBACCO AND VAPING TRIVIA QUESTION EXAMPLES

Trivia questions can help you learn more about tobacco and vape products. Use these examples or create your own. (For more examples, ask your Public Health Nurse.)

Question	Answer
Smokeless tobacco is not harmless because you aren't inhaling any smoke.	FALSE Smokeless tobacco contains many harmful chemicals known to cause cancer and contains nicotine which is highly addictive.
Smokeless tobacco can cause loss of teeth and bone around the jaw.	TRUE
Arsenic, a chemical used in rat poison, is also found in tobacco products and vapes.	TRUE
Second-hand smoke is only dangerous at high levels.	FALSE There is no safe level of second-hand smoke. There are over 7,000 chemicals in second-hand smoke
Cigarettes are biodegradable.	FALSE The filter in cigarettes is made of plastic which does not decompose entirely. Chemicals in cigarettes can leak into our waterways and harm marine life.
A whole tree is needed to make 12-15 packs of cigarettes.	TRUE
Flavoured tobacco and vape products are designed to appeal to adults.	FALSE Flavourings are used to appeal to youth and children.
Cigarette packages were sold with baseball cards in 1909.	TRUE
The clouds made by vaping are just water vapour.	FALSE The clouds are an aerosol created when e-liquid is heated. An aerosol is made up of tiny particles that comes from the e-liquid which contains harmful chemicals.
There are heavy metals found in the aerosol made from vaping.	TRUE Metals such as nickel, tin, lead, and even arsenic are found in vaping aerosol. Breathing metals can cause lung damage.
Nicotine can change your brain.	TRUE Nicotine use at a young age can make it harder to concentrate on learning, control impulses and cause memory issues.
Disposable vapes can go in the recycling bin.	FALSE All vape products must go to a special biohazardous waste disposal facility.
Vaping and cigarettes can reduce stress.	FALSE Nicotine in cigarettes/vapes can change the brain and can increase stress.

Appendix K

"MYTH BUSTER" INSTRUCTIONS & SAMPLES

Purpose

To learn the facts about e-cigarettes/vapes.

Instructions

- 1. Print and cut out the myth cards and the fact cards (1 set per team).
- 2. Mix all cards together and place upside-down.
- 3. Divide participants into groups. Each group will race to match myth cards to fact cards.
- 4. The fastest group can win a prize (optional)
- 5. Discuss together if participants are surprised about the myths and facts. Why or why not?

MYTHS	FACTS
E-juice or e-liquid without nicotine is just harmless flavoured water.	All vapes are harmful.
Vapes have been around long enough for us to know that there aren't any long-term health effects.	E-cigarettes have not been around long enough to know all of the long-term health effects, but harmful health effects already known.
You can buy vapes in over 1,000 flavours at the convenience store and gas stations in Ontario.	Flavoured vape products are banned from convenience stores and gas stations in Ontario.
Diacetyl is a chemical found in vape flavours that is safe for breathing in and eating.	Diacetyl is a harmful chemical used in vape flavouring that can cause "popcorn lung".
The highest legal level of nicotine in vape products is 50 mg/mL.	The highest legal level of nicotine in vape products is 20 mg/mL.
You can only be fined for selling vape products to people you don't know under 19 years old.	You can be fined if you sell or supply vape products to anyone under 19 years of age.

You can't get burned from a vape because you don't need to use a lighter like cigarettes.	Vape products have exploded and caught fire causing severe burns to the skin.
Vape products are better for the environment than cigarettes.	Vape products are made of plastics, chemicals and batteries which are biohazardous waste and are harmful to the environment.
Synthetic nicotine is safer than tobacco-free nicotine.	There is no harmless form of nicotine.
You will be fined for vaping on school property only during school hours.	You will be fined for vaping on school property even after school hours and on weekends.
To quit vaping, your only option is to quit cold turkey.	There are supports for quitting smoking and vaping.
Nicotine in vapes can make you feel calmer and reduce stress.	Nicotine in vapes can increase feelings of low mood and stress.
Flavoured vapes don't need to list ingredients.	All vapes are required by law to include a list of ingredients, standard health warning, and standard nicotine statement.
If you vape you won't start smoking cigarettes.	Youth who vape are more likely to begin smoking cigarettes.
Vapes will put the Big Tobacco industry out of business.	The Big Tobacco industry bought portions of vape companies and even have their own vapes.
All youth vape.	Most youth do not vape.

Appendix L

"WHAT IS IT MADE OF?" RACE INSTRUCTIONS & SAMPLES

Purpose

To learn about the harmful chemicals found in cigarettes and vapes. 1

Instructions

- 1. Print and cut out the word cards and the picture cards (1 set per team).
- 2. Mix all cards together and place upside-down.
- 3. Divide participants into groups. Each group will race to match picture cards to word cards.
- 4. The fastest group can win a prize (optional)
- 5. Discuss together if participants are surprised about the chemicals. Why or why not?

Picture and word card samples

Arsenic – used in rat poison (Cigarettes and vapes)
Butane – lighter fluid (Cigarettes)
Ammonia – found in household cleaner (Cigarettes)

¹ Adapted from Southwest and Central East TCAN (2010). Play, Live, Be...Tobacco Free After School Kit.

BATTERY	Cadmium – found in batteries (Cigarettes and vapes)
	Carbon monoxide – poison gas in car exhaust (Cigarettes)
CUIS	Benzene – found in glue/adhesives (Cigarettes and vapes)
	Tar – used to pave roads (Cigarettes)
	Naphthalene used in explosives (Cigarettes and vapes)
	Formaldehyde – preserves dead bodies (Cigarettes and vapes)

	Acetone – found in nail polish remover (Cigarettes and vapes)
	Acetic Acid – found in photo developing fluid (Cigarettes)
	Sulfur – found in matches (Cigarettes)
Xes D	Propylene Glycol – found in antifreeze (Vapes)
	Tin – found in cans (Vapes)
	Vegetable Glycerin – found in soaps and creams (Vapes)

Appendix M

"BLOWING PAINT" INSTRUCTIONS

Purpose

To learn about the impact of smoking and vaping on human lungs. ¹

Materials

- Coffee stirring straws
- Drinking straws
- Paint
- Paper



- Tobacco smoke contains over 7,000 chemicals. More than 70 are known to cause cancer.
- When people smoke, these chemicals mix together and form a sticky tar (like what they use to pave streets). This tar sticks to the lungs making it hard to breathe.
- Lung damage caused by vapes is similar to lung damage caused by cigarettes.
- When e-liquid is heated, it produces chemicals and heavy metals (like tin, nickel and lead) known to cause lung damage.
- People who smoke and vape often experience shortness of breath while doing physical activity.

Instructions

- 1. Start the activity by talking about the Helpful Facts.
- 2. Provide each student with a piece of paper and a large drop of slightly watered-down paint in the center of the page.
- 3. Using the coffee stirring straw, ask the students to blow the paint away from the center of the page as far as possible with only one breath (without touching the straw to the paint).
- 4. Repeat the activity with a drinking draw.
- 5. Continue to use the straws to make an art piece.
- 6. Once dry, ask students to write a fact about the harmful health effects of tobacco and vapes
- 7. Consider displaying this in the classroom/school.

What now?

Discuss the difference between blowing through the smaller straw versus the larger straw. The effort needed to breathe through a smaller straw demonstrates how difficult it can be when your lungs are filled with chemicals and tar. Ask these questions:

- What did it feel like breathing through the small straw versus the large straw? Did you need to gasp for air?
- What do you think your life would be like if you had to breathe through a small straw all the time? Did you know that people who smoke or vape can feel like that all the time?



Appendix N

"SHADOWS OF THE ACADEMY" CARD GAME INSTRUCTIONS

Purpose

For students in grades 4 to 8 to learn about the harmful effects of tobacco and vapes and how to say "no" to these products.



Game play

This is a cooperative card game. Students must work together to help each other stay healthy and defeat Her Vileness and the Toxic 12. All players win or lose as a team. This activity will take approximately 60 minutes.

Visit the *Shadows of the Academy* website to learn about the Academy. This website includes stories about the characters and videos to learn how to play the game www.shadowsoftheacademy.com.

Materials

• "Shadows of the Academy" Card Game Kit (Ask your public health nurse and/or school champion for this kit)

Instructions

Click this <u>link</u> or visit the URL below to see the PDF instruction manual and learn more about how to play: <u>www.ahs.ca/tobaccovapingprevention</u>

- 1. Start by completing the **pre-game activity** (Included in the card game kit) to teach students about the different cards and how they can be successful at winning the game.
- 2. Organize students in teams of 2-4 players.
- 3. Help students play the game.
- 4. When players conquer the five bosses and have five trophies in the trophy case, the team wins the game.

PA Announcement sample

"Hello grade ______ students! This is your healthy school student club here to tell you that Tobacco and Vape-Free games day will be _____. Your healthy school student club and Mrs./Mr. ___(Public Health Nurse or School Champion)_ will be hosting a "Shadows of the Academy" game! Get ready to work together to keep each other healthy and beat the harmful bosses. Remember, stay Tobacco and Vape-Free!"

Appendix 0

"NOT AN EXPERIMENT" ESCAPE ROOM INSTRUCTIONS

Purpose

For students in grades 7 to 12 to learn about the dangers of vaping and the industry that markets these products to young people.



Game play

This is an interactive escape room game. Players work in groups of 3-8 players. Each team will face several puzzles. If the answer to a puzzle is correct, they will move to the next room to solve the next challenge. Teams will race to finish each challenge and escape the experiment! You can choose to run your escape room **in-person** or **virtually** at NotAnExperiment.ca.

Materials

 "Not an Experiment" Escape Room Kit (Ask your public health nurse and/or school champion to borrow this kit for the in-person game)

Helpful facts

- The industry targets youth with candy and fruit flavoured e-liquid. Don't be tricked.
- Vaping has health risks. The long-term effects are unknown.
- Most e-liquids contain nicotine which is highly addictive.
- Nicotine can alter the brain and effect memory and concentration.
- If you vape you may be more likely to start smoking cigarettes.

Instructions

See more instructions here: www.notanexperiment.ca/downloads

- 1. Start by printing the game for each team.
- 2. Arrange desks/tables into work group areas.
- 3. Organize students into groups of 3-8 players.
- 4. Explain the game and introduce the first challenge.
- 5. Teams will work to solve each puzzle. If they think they have the correct answer, the student leader will check answers and provide the next puzzle if the answer is correct.
- 6. Teams will race to complete all puzzles and finish first.
- 7. Talk about what students have learned after playing the game using the Discussion Guide.

PA Announcement sample

"Hello students! This is your *healthy school student club* here to tell you about the Tobacco and Vape-Free games day for grade _____students! Your healthy school student club and Mrs./Mr.

(Public Health Nurse or School Champion) will be hosting the "Not an Experiment" escape room. Get ready to escape the vaping experiment and stay Tobacco and Vape-Free!"

Appendix P

"MAKE YOUR CHOICE" INSTRUCTIONS & SAMPLES

Purpose

To learn about how the tobacco and vape industry targets children and youth.2

Materials

- Markers
- Tape
- Paper
- "Make Your Choice" statements (included)

Instructions

- 1. Write "Agree", "Disagree" and "I don't know" on three separate posters.
- 2. Tape these posters to the wall, at opposite corners of the room.
- 3. Read the statement samples to the participants or come up with your own. If they agree with the statement, they will run to the poster that says "Agree", "Disagree" and "I don't know".
- 4. Once every participant has made a decision on the statement, you can discuss the statement and provide the correct answer.

"Make Your Choice" statement samples

- There is smoking in movies on purpose to make children start to think that smoking is acceptable – TRUE
- There is smoking in *The Incredibles* **TRUE**
- There is smoking in the movie Cars FALSE
- Light and mild cigarettes are better for you than regular ones FALSE
- Vapes without nicotine are harmless FALSE
- Tobacco and vape products are made to look like candy to make children think they are safe and normal – TRUE
- The E-cigarette industry is separate from the Big Tobacco industry FALSE
- Celebrities were paid to smoke when making public appearances and paid to smoke in movies
 TRUE
- The purpose of cartoon characters used in tobacco/vaping advertisements is to make tobacco and vape products look fun, innocent, and more appealing to children and youth – TRUE

What now?

Discuss these questions as a group:

- Were you surprised by any of the statements?
- How do you feel about being the target of the tobacco/vape industry when they know tobacco/vapes are bad for you?

² Adapted from Southwest and Central East TCAN (2010). Play, Live, Be...Tobacco Free After School Kit.

Appendix Q

"FREEZE THE INDUSTRY" CAPTURE THE FLAG INSTRUCTIONS

Purpose

To learn the truth about tobacco and vapes while being active!

Materials

- A large space to run
- 10 bean bags/flags
- Whistle/bell/horn
- Trivia questions (See <u>Appendix J</u> for samples)
- 2 pylons

Instructions

- 1. Separate the activity space it into two equal halves. Use 2 pylons to mark the center line.
- 2. Divide participants into two teams.
- 3. Five to ten bean bags/flags will be randomly spread out on each team's side of the playing area.
- 4. The goal of the game is to go on your opponent's side to get one bean bag/flag at a time and return safely to your side without getting tagged by an opponent.
- 5. If tagged while on the opponent's side, that person must freeze in place, until a team member is able to free them by coming over and touching them on the shoulder.
- 6. If holding a bean bag/frisbee while tagged on the opponent's side, the bean bag/frisbee is to be returned to the opponent's side.
- 7. If a bean bag/flag is successfully stolen and brought back to a team's home side, the student leader blows a whistle and everyone freezes.
- 8. The student leader reads a trivia question to the team with the stolen bean bag/flags.
- 9. If the team gets it right, they can keep the bag, if they answer wrong the bag goes back to the opposing team.
- 10. The winning team is the team that can steal all the opposing team's bean bags/flags first.

What now?

Consider repeating the game as many times as you would like. You can use the same trivia questions again. Repetition helps you to learn new things! Once the game is complete, discuss these questions as a group:

- Were you surprised by any of the trivia answers?
- Do you think people who smoke or vape can run around as easy as you did today?

Appendix R

"CLEAN-UP THE BUTTS AND VAPE PODS" INSTRUCTIONS

Purpose

Learn about the negative effects tobacco and vape litter have on the environment.

Materials

- Gloves
- Zip lock bags
- Large, clear jar
- A safe area in your community to pick up cigarette butts/discarded vape pods
- Prize for the person who guesses the number of cigarette butts/vape pods in the jar (optional)

Helpful facts

- Cigarette butts aren't just paper. It can take over 10 years for a cigarette butt to break down.
- Chemicals that leak from one cigarette butt into the water for one day releases enough toxins to kill 50 per cent of the fish exposed to it for only four days.³
- 600 million trees are chopped down every year by the tobacco industry.⁴
- Batteries, e-cigarette devices and e-liquids contain hazardous substances like nicotine, lead and mercury that can leak into soil and waterways harming wildlife.
- Plastic, batteries, and chemicals are found in vapes and can't be thrown into a regular garbage or recycling bin. Vape companies often don't tell customers how to dispose of them safely.

Instructions

- 1. Promote the event!
- 2. Let students know why it is important to wear gloves to pick up butt/vape pod litter.
- 3. Ask students to save cigarette butts/vape pods collected in a Ziplock bag.
- 4. Student leaders can count and transfer all the cigarette butts/vape pods into a clear jar.
- 5. Tape a message or fact to the jar about the dangers of cigarette butt/vape pod litter and put it on display for students to guess the number of butts for a prize (optional).

PA Announcement sample

"Did you know cigarette butts aren't just paper? They are one of the biggest contributors to litter and take over 10 years to break down! Come to our "Clean-Up the Butts and Vape Pods" event on **(Date)**. Let's help our environment and take a stand against the Big Tobacco and Vape industry!"

What now?

Ask participants why they think people litter cigarette butts and e-cigarettes? As a group, discuss what you think can be done to encourage people not to litter and advocate for environmental changes.



³Truth Initiative (2021, March 8). *Tobacco and the Environment*. https://truthinitiative.org/research-resources/harmful-effects-tobacco/tobacco-and-environment

⁴ Adapted from Southwest and Central East TCAN (2010). Play, Live, Be...Tobacco Free After School Kit.

Appendix S

"HELPING HANDS" BANNER INSTRUCTIONS

Purpose

To create a wall of encouragement and help promote ways students can say "no" to tobacco and vapes.

Materials

- · Construction paper
- String
- Scissors
- Tape

Helpful facts

- 50 per cent of youth get vapes from their friends⁵.
- Feeling pressure from peers is one the main reasons youth try smoking or vaping.
- Wanting to relieve feelings of worry or stress are other reasons people vape.
- Nicotine causes increased stress by changing the connections in the brain and increasing heart rate and blood pressure.

Instructions

- 1. Promote your "Helping Hands" event using PA announcements or going class-to-class
- 2. Ask students to trace their hand and cut out their handprint.
- 3. Ask students to write a message on their handprint with helpful ways to say 'no' to tobacco and vapes or healthy activities to do instead of smoking or vaping.
- 4. Collect all of the hands and string them together to create a banner.
- 5. Hang your banner in your school for everyone to see.

PA Announcement sample

Voice One: You look worried about the test tomorrow. Try this vape pen, it will help you feel better. **Voice Two:** No thanks. I heard there is nicotine in those things and that can change your brain! Let's go for a walk instead! Getting active outside helps me feel better anyway.

Voice One: Saying "no" to friends can be hard sometimes, but there are tons of other healthy activities you can do instead of vaping which is important because vaping can harm your lungs, heart and even your brain.

Voice Two: Come down to the library on ____and share how you can say 'no' to tobacco and vapes by writing your message on our Helping Hands banner!

Voice One: Don't let vaping and tobacco cloud your memory! Stay Tobacco and Vape-Free!

⁵ Simcoe Muskoka District Health Unit (2020). Not An Experiment toolkit. www.notanexperiment.ca

Appendix T

"LUNG TREE" PLEDGE WALL INSTRUCTIONS

Purpose

To demonstrate your school's commitment to never start using tobacco or vape products and support those who want to quit.

Materials

- Construction paper
- Markers/crayons/pencil crayons
- Tape
- Scissors

Instructions

- 1. Make a "tree poster" that looks like an upside-down set of lungs, bronchi and trachea.
- 2. Choose a location for your display. Consider a central location in your school/classroom.
- 3. Post the "Lung Tree". Think about adding a title to your pledge wall about staying Tobacco and Vape-Free.
- 4. Cut out leaves.
- 5. Have each student write their pledge on a leaf and tape the leaf to the tree.
- 6. Let your school know about your display by creating your own PA Announcements.

TIP: Think about inviting adults in your school community to add their pledge to your display during your school's *meet the teacher* event.

PA Announcement sample

"Hello <u>(School Name)</u> students! This is *your healthy school student club*. This month you have heard a lot of messages about the harm tobacco and vape products can cause. Now it's your turn to act! Come check out our school's "Lung-Tree" and make the pledge to stay Tobacco and Vape-Free!"



Appendix U

PLEDGE FORM SAMPLE



Image courtesy of: Simcoe Muskoka District Health Unit (2020). Not An Experiment toolkit. www.notanexperiment.ca

Appendix V

"CHALK THE WALK" INSTRUCTIONS

Purpose

To show your community why your school is saying "no" to tobacco use and vaping.

Materials needed

- Sidewalk chalk
- Sidewalk/asphalt

Helpful Facts

- The Big Tobacco and Vape industry use marketing to target youth.
- Flavours and new technology in vapes are used to target youth.
- Cartoon characters and colourful designs are used to make vapes more appealing to youth even though the industry knows they have harmful health effects.

Instructions

- 1. Work with your school champion to pick the location for your event (look for a big sidewalk, brick wall, or playground on your school's property).
- 2. Create a catchy name for the event (Example: "Play, Live, Be Tobacco and Vape-Free").
- 3. Announce the event using posters, PA Announcements and going class-to-class.
- 4. Write your event name in the center of sidewalk.
- 5. Ask students to write messages about why they are saying "no" to tobacco and vapes around your message.
- 6. Messages can include what you have learned about tobacco and vapes, strategies for how to say "no" to tobacco and vapes, and Tobacco and Vape-Free healthy activities you enjoy.
- 7. At the end of the event, take a photo of your display and add it to the school newsletter, on the school website or print the photo and have it enlarged to post on a bulletin board.

PA Announcement sample

Voice one: Did you know that the Big Tobacco and Vape industry uses slick designs, colourful packages, and fun flavours to make kids buy vapes and tobacco products?

Voice two: Wow! The industry knows tobacco and vapes are bad for your health and that they are illegal for anyone to buy or use if they are under the age of 19! That is bad!

Voice one: It's true! The industry uses lots of tactics to target kids just to get them addicted to nicotine and make money!

Voice two: We need to take action! Come out to our *Chalk the Walk* event to learn more and take a stand against the Big Tobacco and Vape industry!

Appendix W

POSTER CONTEST NEWSLETTER SAMPLE

We all know tobacco use and vaping is harmful for our health, and there are many benefits to saying "No" to tobacco and vapes. To promote the benefits of being Tobacco and Vape-Free, the *healthy* school student club has been working hard to organize a poster contest. Can you create a poster that is eye catching, informative, fun and creative?

To help you make your poster, think about these ideas and guidelines:

- Consider what being Tobacco and Vape-Free means to you
- Remember to include what you have learned about tobacco and vaping, your thoughts about its effect on the environment and your body
- Think about Tobacco-Free and Vape-Free activities you enjoy

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Confest defails		
Complete your poster by		
	Date	
 Use your imagination to cre words from magazines or a 		g, painting, cutting and pasting pictures or ink of. The sky is the limit!
Be ready for judging on _		by
	Date	Judges' names
Your poster will be evaluated	on a scale of 1 to 10	and using the following criteria:
Creativity and originalityTobacco and Vape-Free heOverall appearance of the p	0 ,	poster are clear and easy to understand
J .		intermediate student submissions will be will be awarded an awesome prize!
When and whe	re	

Ready... Set... Go!

Appendix X

COLOURING PAGE FOR PRIMARY STUDENTS

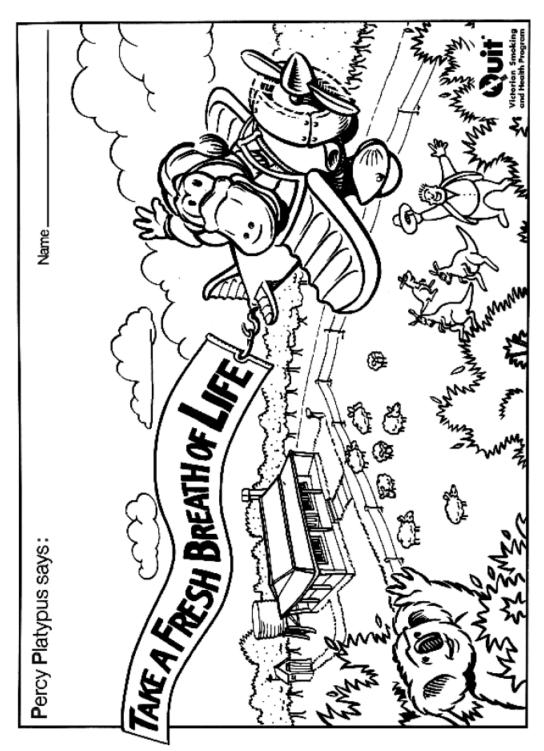


Image courtesy of: Southwest and Central East TCAN (2010). Play, Live, Be...Tobacco Free After School Kit.

Appendix Y

CALENDAR - TOBACCO AND VAPE PREVENTION HEALTH PROMOTION DAYS

January

- National Non-Smoking Week 3rd week of January
- Weedless Wednesday 3rd Wednesday in January
- Bell Let's Talk Day January 26

February

• World Cancer Day - February 4th

April

- Cancer Awareness Month
- Oral Health Month
- Earth Day April 22nd

May

- National Youth Week 1st week of May
- World Asthma Day May 3rd
- Mental Health Awareness Week May 3rd to May 9th
- World No Tobacco Day: Committing to Quitting Commercial Tobacco May 31st

June

- World Environment Day June 5
- Clean Air Day June 8th
- International Day Against Drug Abuse and Illicit Trafficking June 26th

September

Cancer Awareness Month

November

- Lung Cancer Awareness Month
- World Chronic Obstructive Pulmonary Disease Day 2nd or 3rd Wednesday of November
- National Addictions Awareness Week November 20th to November 26th

For a list of other health promotion days, click this <u>link</u> or visit the URL below: www.canada.ca/en/health-canada/services/calendar-health-promotion-days

Appendix Z

STUDENT PARTICIPANT EVALUATION SURVEY

Instructions:

Please complete the following survey about the Tobacco and Vape-Free activities and return it to **(School/Student Champion name)** by **(Date)**. This will help us plan next year's activities.

Please circle your response:

Activity name		Yes	Somewhat	No
Example - "Pig's Lung"	I enjoyed the activity	\odot		$\bigcirc;\bigcirc$
demonstration	I learned something new	\odot		$\bigcirc \bigcirc$
	I would like to do this activity again next year	\odot		():)
	I enjoyed the activity	\odot		\bigcirc
	I learned something new	\odot		\bigcirc
	I would like to do this activity again next year	\bigcirc		\bigcirc
	I enjoyed the activity	\bigcirc		\bigcirc
	I learned something new	\odot		\bigcirc
	I would like to do this activity again next year	\odot		();

3. What did you learn during the activities? What would you like to learn more about?
4. What did you like most about the Tobacco and Vape-Free activities?
5. What would you change about the Tobacco and Vape-Free activities?

Thank you for your participation!

Adapted from the Healthy Schools Committee Handbook (Tool 24), York Region Public Health.

Resource List

STUDENT RESOURCES

- Campaign for Tobacco-Free Kids (2022). Take down tobacco. www.takedowntobacco.org/about
- Centre for Addiction and Mental Health (2011). *Smoking and quitting: Clean air for all storybook*. http://knowledgex.camh.net/educators/elementary/Documents/smoking_cleanair.pdf
- Health Canada (2010, October 20). *Youth zone toolkit*. <u>www.canada.ca/en/health-canada/services/health-concerns/tobacco/youth-zone.html</u>
- Heart and Stroke Foundation (2021, January 22). *HeartSmart kids vaping worksheets*HSK_Think_SAFE_EN-1.pdf (hskids.ca) and HSK_Clearing_Air_EN-1.pdf (hskids.ca)
- Lung Health Foundation (2022). *Youth advocacy and e-learning module*. <u>lunghealth.ca/support-resources/digital-learning-centre/youth-advocates/</u>
- Simcoe Muskoka District Health Unit (2020). Not An Experiment Toolkit. www.notanexperiment.ca
- The Truth (n.d.). Breath of stress air vaping campaign. www.thetruth.com
- Youth Now (2022). Prevention coalition toolkit. www.youthnow.me/about-youth-now
- York Region Public Health (2022). Healthy schools elementary school services program. www.york.ca/healthyschools

ADULT LEADER RESOURCES

- Alberta Health Services (2022). *Academy for tobacco prevention*. <u>Tobacco & Vaping Resources for Teachers | Alberta Health Services</u>
- Catch.org (2021). *Catch my breath a nicotine vaping prevention program.* https://letsgo.catch.org/bundles/catch-my-breath-canada
- Health Canada (2022, June 24). *Consider the consequences of vaping.* https://www.canada.ca/en/services/health/campaigns/vaping.html
- Heart and Stroke Foundation (2018, October). *E-cigarettes in Canada*. <u>ecigarettesincanada.ashx</u> (heartandstroke.ca)
- Lung Health Foundation (2022). *Talking about...series*. https://lunghealth.ca/support-resources/digital-learning-centre/talking-about-series/
- Ontario Physical Health and Education Association (n.d.). Lessons, plans, activity ideas, professional learning and more. https://ophea.net/
- Simcoe Muskoka District Health Unit (n.d.). *iTHINK: A critical Thinking and media literacy manual* iTHINK Critical Thinking & (simcoemuskokahealth.org)