

Introduction

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The Real Cost of Vaping is a program that helps teachers and administrators educate students in grades 6–12 about the harms of vaping and other tobacco products. First launched in 2018 by Scholastic, in collaboration with the U.S. Food and Drug Administration (FDA), The Real Cost of Vaping program includes a series of lesson plans, classroom activities, and other resources.

Note: You do not have to respond to any questions that you do not want to answer. You may skip any question and advance to the next question.

As a friendly reminder, FDA is offering a \$10 electronic gift card for completing the survey to thank you for your time.

Scholastic Materials

Scholastic Materials

The Real Cost of Vaping materials are available for two age groups: students in grades 6–8 and students in grades 9–12. For which age groups did you access or use The Real Cost of Vaping materials?

- Grades 6–8
- Grades 9–12
- I used materials for both age groups

From the list below, please select the materials you downloaded and used in the classroom at least once.



- Lesson 1 and Activity: Teens and Vaping: The Real Health Consequences
- Lesson 2 and Activity: Vaping Research Project
- Lesson 3 and Activity: Sizing Up E-Cigarette Marketing

- Video Lesson 1 and Activity: Risks of E-Cigarettes
- Video Lesson 2 and Activity: Nicotine and the Teen Brain
- Video: It's Not Worth It: Teens Discuss the Effects of Vaping
- The Real Cost of Vaping website and interactive infographic
- The Vaping Education blog articles on the Teaching Tools blog
- How to Talk to Your Students About Vaping (Teacher Resource Guide)
- The Health Impacts of E-Cigarettes (Student Article)
- Vaping Facts and Misperceptions (Infographic)
- Fact: Vaping Harms Your Health (Classroom Mini-poster)
- How to Talk to Kids About Vaping Risks (Family Resources, Grades 6–8)
- What You Need to Know About Vaping (Interactive Digital Activity)
- Vaping Resource Guide (Teen and Family page, Grades 9–12)
- Other:

For each material you reported downloading and using in the previous question, how satisfied are you with each of these The Real Cost of Vaping materials? Please rate your satisfaction on a scale of 1 to 5 where 1 is Very Dissatisfied and 5 is Very Satisfied.

| | Very dissatisfied | Dissatisfied | Unsure | Satisfied | Very satisfied | N/A |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| » Lesson 1 and Activity: Teens and Vaping: The Real Health Consequences | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| » Lesson 2 and Activity: Vaping Research Project | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| » Lesson 3 and Activity: Sizing Up E-Cigarette Marketing | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| » Video Lesson 1 and Activity: Risks of E-Cigarettes | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| » Video Lesson 2 and Activity: Nicotine and the Teen Brain | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| » Video: It's Not Worth It: Teens Discuss the Effects of Vaping | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| » The Real Cost of Vaping website and interactive infographic | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| » The Vaping Education blog articles on the Teaching Tools blog | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

| | Very dissatisfied | Dissatisfied | Unsure | Satisfied | Very satisfied | N/A |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| » How to Talk to Your Students About Vaping (Teacher Resource Guide) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| » The Health Impacts of E-Cigarettes (Student Article) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| » Vaping Facts and Misperceptions (Infographic) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| » Fact: Vaping Harms Your Health (Classroom Mini-poster) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| » How to Talk to Kids About Vaping Risks (Family Resources, Grades 6–8) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| » What You Need to Know About Vaping (Interactive Digital Activity) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| » Vaping Resource Guide (Teen and Family page, Grades 9–12) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| » Other: <input type="text"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

How did you integrate The Real Cost of Vaping materials into your tobacco prevention or health education instruction?

- I downloaded and used The Real Cost of Vaping materials exactly as they were designed and intended to be used.
- I adapted or customized The Real Cost of Vaping materials to align with my lesson objectives.
- I used the information from The Real Cost of Vaping to create my own vaping (or other tobacco) prevention lessons and materials.
- I read The Real Cost of Vaping materials to educate myself only but did not implement any of the lessons.

Have you used The Real Cost of Vaping materials for in-person (classroom) instruction, virtual (online) instruction, or both?

- In-person classroom instruction
- Virtual online instruction
- Both

How developmentally appropriate are The Real Cost of Vaping materials for your students? Please rate on a scale of 1 to 5 where 1 is Not appropriate and 5 is Very appropriate.

- 1) Not appropriate 2) Somewhat appropriate 3) Neutral 4) More appropriate 5) Very appropriate

How culturally inclusive are The Real Cost of Vaping materials for your students? Please rate on a scale of 1 to 5 where 1 is Not inclusive and 5 is Very inclusive.

- 1) Not inclusive 2) Somewhat inclusive 3) Neutral 4) More inclusive 5) Very inclusive

How relatable are The Real Cost of Vaping materials for your students (i.e., students feel the materials are relevant to their life experiences)? Please rate on a scale of 1 to 5 where 1 is Completely unrelatable and 5 is Very relatable.

- 1) Completely unrelatable 2) Unrelatable 3) Neutral 4) Relatable 5) Very relatable

How well do The Real Cost of Vaping materials educate students on the following topic areas related to the harms of vaping? Please rate on a scale of 1 to 5 where 1 is Educates very poorly and 5 is Educates very well.

| | 1) Educates very poorly | 2) Educates somewhat poorly | 3. Neutral | 4. Educates somewhat well | 5. Educates very well | 6. N/A |
|--|-------------------------|-----------------------------|-----------------------|---------------------------|-----------------------|-----------------------|
| The effect of nicotine on the developing brain | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Nicotine and addiction | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| The toxic chemicals in e-liquids | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| The environmental harm caused by vaping products | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Vape battery explosions | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

How difficult or easy do you think The Real Cost of Vaping materials are to implement by most teachers who might use this program? Please rate on a scale of 1 to 5 where 1 is Very difficult and 5 is Very easy.

- 1) Very difficult 2) Difficult 3) Neutral 4) Easy 5) Very easy

Which vaping-related topics are your students most interested in learning about? Please rank the following topics from least interest (1) to most interest (7). Please use your cursor to drag and drop to your desired order.

The harms of e-cigarette use (i.e., vaping)

Safe disposal of e-cigarettes

Nicotine and the brain

How e-cigarettes are marketed to youth

The toxic chemicals in e-cigarettes

Addiction to e-cigarettes

Resources to help teens quit e-cigarettes

Please rank the following types of materials by usefulness, with 1 being the least useful and 7 being the most useful for supplementing your tobacco use prevention lessons. Please use your cursor to drag and drop to your desired order.

Lesson plans and activities

Worksheets

Teacher guides or other professional development resources

Interactive websites and other digital resources

Statistics or infographics

Printable text, articles, or fact sheets

Educational videos and coordinating activities

What would you change or add to The Real Cost of Vaping materials so they are more useful for you and your students?

- Change the pictures used to convey information about vaping.
- Include new or different tobacco-related topics.
- Update the lesson plans and classroom activities.
- Add quizzes or other assessments.
- Create a comprehensive unit on vaping use prevention or tobacco use prevention.
- Design more digital assets such as interactive websites, downloadable worksheets, or videos.
- Other:

When did you access or use The Real Cost of Vaping materials for tobacco use prevention education?

- Fall (September–November)
- Winter (December–February)
- Spring (March–May)
- Summer (June–August)

In fall 2020, Scholastic and FDA translated the entire program into Spanish and launched El costo real del vapeo.

Did you use any of the Spanish-language materials?

- Yes
- No
- Other

How useful were the Spanish-language materials for your students? Please rate on a scale of 1 to 5 where 1 Not at all useful and 5 is Very useful.

1) Not at all useful

2) Not very useful

3) Neutral

4) Useful

5) Very useful

Which Spanish-language material was the most helpful and why?

Please feel free to provide any additional feedback on The Real Cost of Vaping prevention and education materials here. We are especially interested in:

- **What your students liked most and least about The Real Cost of Vaping materials and why.**
- **What additional information your students want to know about tobacco or vaping.**
- **What additional tobacco prevention resources would be useful to you.**
- **How the current The Real Cost of Vaping materials could be improved.**
- **How The Real Cost of Vaping materials compare with other similar vaping prevention resources.**

Other Tobacco Prevention Curricula and Training

Other Tobacco Prevention Curricula and Training

Besides The Real Cost of Vaping materials, does your school district provide other tobacco prevention and education curricula (lesson plans, units, materials) for educators (teachers, administrators) to use?

- Yes
- No
- Not sure

Besides materials on The Real Cost of Vaping website, what other vaping prevention resources and health education curricula resources have you used? (This could be a component of a broader health education class or lesson.)

- American Lung Association's N-O-T (Not On Tobacco) Program
- CATCH My Breath Vaping Prevention Program
- Stanford Tobacco Prevention Toolkit
- SHAPE America (Society of Health and Physical Educators)
- Social media (e.g., Pinterest, LinkedIn, Facebook)
- Teachers Pay Teachers, or other teacher-to-teacher lesson planning websites
- Federal government sources
- State government source, such as state departments of health or education
- Local/county government source, such as local/county departments of health or education
- None
- Other:

Which of these Federal government sources have you used?

- National Institutes of Health (NIH), National Institute on Drug Abuse (NIDA), National Alcohol and Drug Facts Week
- Centers for Disease Control and Prevention (Tips From Former Smokers)

Other:

Are the other tobacco prevention and education curricula that you use (or used) evidence- or research-based? (An “evidence- or research-based” curriculum consists of practices that have been evaluated through rigorous research.)

- Yes
 No
 Not sure

Do the other tobacco prevention and education curricula that you use (or used) include information about the harms of e-cigarette use (also referred to as “vaping”)?

- Yes
 No
 Not sure

How many hours per semester do you spend preparing and teaching tobacco prevention lessons?

Preparing (# of hours)

Teaching (# of hours)

Does your school, district, or a community partner (e.g., city or county public health department) offer professional development opportunities on how to teach tobacco prevention and education to students?

- Yes
 No
 Not sure

What type of tobacco prevention training does your school, district, or a community partner (e.g., city or county public health department) provide educators like you?

- Live instruction (in-person)
 Live instruction (virtual)
 Recorded webinar or video
 Written instructions or articles
 Other:

Have you ever participated in any youth tobacco prevention training?

- Yes
 No

How confident do you feel teaching your students about the harms of vaping and other tobacco prevention and education topics? Please rate your confidence on a scale of 1 to 5 where 1 is Not at all confident and 5 is Very confident.

1) Not at all confident

2) Slightly Confident

3) Neutral

4) Confident

5) Very confident

Demographic Questions

More About You

Which type of school best describes where you have been employed during academic years 2019–2020 and/or 2020–2021? If you changed schools between these academic years, please select what applies to your most recent or current school.

- Public middle school
 Private middle school
 Public high school
 Private high school
 Other:

Which subject(s) best describes what you teach at your school? Select all that apply.

- Health education
 Physical education
 I am a school administrator
 I am a school nurse
 Technology (e.g., computer science, digital media)
 Language arts (e.g., English, world languages)
 Social studies/Humanities (e.g., history, sociology, psychology, economics, journalism)
 Science
 Math
 Art/music/drama/film/fine arts

- I am a teacher's aide, librarian, or guidance counselor
- I am a coach of at least one school sports team/athletics department
- I am a substitute teacher
- I am a support staff member (e.g., reception, attendance, executive assistant, Bursar's office, finance)
- Other:

Are you currently certified to teach health education in your state?

- Yes, I am certified to teach health education in my state.
- I am currently working to obtain my state's health education certificate.
- No, I am not certified to teach health education in my state.
- My state does not require certification to teach health education.

How effective are The Real Cost of Vaping materials in providing students with opportunities to practice the skills presented in the National Health Education Standards (NHES)? Please rate the effectiveness of these materials on a scale of 1 to 5, where 1 is Not effective and 5 is Very effective.

- 1) Not effective 2) Somewhat effective 3) Neutral 4) More Effective 5) Very Effective 6) Not sure
-

Which components of The Real Cost of Vaping materials do this most effectively?

How many years have you been teaching? Please include months if necessary, like "5 years, 6 months."

Approximately how many students are enrolled at the school where you teach?

Title I of the Elementary and Secondary Education Act (ESEA) of 1965 provides federal funds to schools with high percentages of low-income students. Does your school receive Title I funding?

- Yes
- No
- Not sure

In what state is the school where you teach located?

Is your school located in an urban, suburban, or rural area?

- Urban (in a city or town where there are close-standing buildings and lots of people live).
- Suburban (just outside of a city or town, where there are lots of homes, but fewer buildings).
- Rural (an area with lots of open spaces and fewer people).

How do you identify?

- Female
- Male
- Prefer to self-describe:

[OPTIONAL] What year were you born?

Are you Hispanic, Latino/a, or of Spanish origin?

- No, not of Hispanic, Latino/a, or Spanish origin
- Yes, Mexican, Mexican American, Chicano or Chicana
- Yes, Puerto Rican
- Yes, Cuban
- Yes, another Hispanic, Latino/a, or Spanish origin:

How would you describe yourself?

- American Indian or Alaska Native
- Asian or Asian American
- Black or African American
- Native Hawaiian or Other Pacific Islander
- White

Thank you for participating! Would you like to receive a \$10 electronic gift card as a small token of appreciation? If so, please provide your name and email address.

- Yes. I would like to receive a \$10 electronic gift card.
- No. I am not interested in receiving a \$10 electronic gift card.

Please enter your name and email address below to receive a \$10 electronic gift card

Block 6

We greatly appreciate your feedback on The Real Cost of Vaping materials and what teachers like yourselves need to effectively teach youth about the harms of vaping and other tobacco products. Your responses to this survey will be used to develop FDA's next set of school-based materials on tobacco prevention for middle and high school students. The information you provided will inform a new set of lesson plans, activities, supporting guidance, and technical assistance for teachers. While the new materials are in development, The Real Cost of Vaping materials will continue to be available at https://www.scholastic.com/youthvapingrisks_

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