Hi there! Mind Matters is a series that explores the ways that different drugs affect your brain, body, and life. In this issue, we are going to talk about tobacco and nicotine.
Tobacco is a leafy plant grown all around the world. The reason tobacco is used by so many people is because it contains a powerful drug called nicotine. **Nicotine is very addictive.**

What is nicotine?

1 in every 5 deaths is caused by smoking tobacco or secondhand smoke.

How do people use tobacco and nicotine?

People can **smoke, sniff, chew, or inhale** the vapors of tobacco and nicotine products.

**SOME PRODUCTS THAT YOU SMOKE:**

- **Cigarettes**
- **Cigars**
- **E-Cigarettes**
- **Hookahs**

**SMOKELESS PRODUCTS:**

- **Chewing Tobacco**
- **Snuff**
  - Ground tobacco that can be sniffed or put between your cheek and gums
- **Dip**
  - Wet snuff that is chewed
- **Snus**
  - Small pouch of wet snuff

Want to learn more about e-cigs? Turn the page!
Nicotine is absorbed into your bloodstream and goes to your adrenal glands just above your kidneys. The glands release adrenaline which **increases your blood pressure, breathing, and heart rate**. Adrenaline also gives you a lot of good feelings all at once.

**How does nicotine work?**

Over time, the nicotine in tobacco can change the way your brain works. If you stop using it, your body can get confused and you can start to feel really sick. This makes it hard to stop using these products even when you know it's bad for you. This is called addiction.

**How do you become addicted to nicotine?**

Just being around people who are smoking can be dangerous.

Breathing other people’s smoke can lead to lung cancer and heart disease.

**What are other health effects?**

While nicotine is addictive, most of the health effects come from other tobacco chemicals. Tobacco use harms every organ in your body. Smoking tobacco products can cause lung, mouth, stomach, kidney, and bladder cancers. It can also cause lung problems, like coughing, and lead to heart disease, eye problems, and yellow teeth.

**Smokeless tobacco products are dangerous, too.** They can cause oral cancer and heart and gum disease.

**Eyes**

**Mouth**

**Heart**

**Stomach**

**Bladder**

**Kidney**

Just being around people who are smoking can be dangerous.

Breathing other people’s smoke can lead to lung cancer and heart disease.
Can e-cigarettes help you stop smoking?

Some people think that e-cigarettes can help you stop smoking. But actually, **there is not enough science to prove this.** In fact, some research show that non-smoking preteens and teens who use e-cigarettes might go on to use other tobacco products, like cigarettes and cigars.

What are e-cigarettes?

You might have heard people talking about e-cigs, vapes, or vape pens. These are names for electronic cigarettes (e-cigarettes). E-cigarettes are battery-operated devices that people use to inhale nicotine, flavoring, or other chemicals. **They can look like cigarettes, pipes, pens, or USB memory sticks.**

How do e-cigarettes work?

Sucking on an e-cigarette heats up the device, which turns the liquid in the device into smoke, or vapor. The person then inhales the vapor and the flavor or nicotine goes into their body.

Very few 8th graders have used tobacco products in the last month.*

<table>
<thead>
<tr>
<th>Product</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cigarettes</td>
<td>1.9%</td>
</tr>
<tr>
<td>Smokeless tobacco</td>
<td>1.7%</td>
</tr>
<tr>
<td>Cigars</td>
<td>1.5%</td>
</tr>
<tr>
<td>Flavored little cigars</td>
<td>2.6%</td>
</tr>
<tr>
<td>Regular little cigars</td>
<td>1.6%</td>
</tr>
<tr>
<td>Vaping nicotine</td>
<td>3.5%</td>
</tr>
<tr>
<td>Smoking tobacco with a hookah</td>
<td>2.5%</td>
</tr>
</tbody>
</table>
What if someone I know needs help?

If you think a friend or family member has a problem with tobacco or drugs, talk to an adult you trust, like a parent, coach, or teacher, right away. Remember, treatment is available and people can get better.

For more information, go to teens.drugabuse.gov.