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ADDICTIONISREAL.ORG

Kids Have Questions.
Do You Have The Answers?

Contact us at: info@addictionisreal.org

Addiction is Real, Inc. is a 501(c)(3) nonprofit organization.



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The three most dangerous words a parent can say:

NOT MY CHILD.

Talk to your kids about drugs and alcohol!

IT'S NEVER TOO EARLY & IT'S NEVER TOO LATE.

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ABOUT US



OUR VISION

A community where parents are empowered with the knowledge and resources to properly educate their children about the dangers of drugs and alcohol use, preparing them to make safer and healthier choices.

OUR MISSION

To educate parents and other caregivers about drug prevention and early intervention, encouraging a more proactive approach to prevention through regular conversation with their children about the dangers of substance use.

"In three years of this expo, Addiction Is Real had the best exhibit we have ever had. It was met with a steady flow of parents and they were blown away with the eye opening experience."

Matt Schindler, School Counselor Selvidge Middle School

OUR HISTORY

Addiction is Real began with a simple question: How can we educate parents on the dangers of drugs and alcohol AND provide them with the tools needed to guide and engage their children through this very rough and sensitive terrain? Unfortunately, the circumstances surrounding our group's passion to do more was grounded in loss, but also a deep and passionate understanding of how important it is to speak to your child early and often about the dangers of drugs and alcohol.

There is a great power in being a parent. The power to reason. The power to influence. The power to counter temptation. The power to love. It comes from the heart, and make no mistake, teens are fueled by it. Sustained by it. To use it is to keep them alive. To ignore it is to risk everything.

ABOUT US

Addiction is Real is a 501(c)(3) nonprofit organization based in St. Louis, Missouri. Our mission is to educate parents about the dangers of drugs and alcohol, and to provide them with the tools to take a more proactive approach in having these discussions with their children. Founded in 2015 by a group of concerned parents, we are determined to engage as many schools, groups, and parents as possible to push our message through. If you are interested in learning more about services we provide, visit our events page and/or contact us. We would love to hear from you.





"Addiction is Real's

presentation is

a must see

for all parents.

The knowledge it

offers is a powerful

tool that parents

need to support

their children."

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Anne Miller, Principal Parkway West Middle

THE IMPORTANCE OF TALKING TO YOUR KIDS

TALK TO YOUR KIDS

If you don't, they'll seek answers elsewhere.

Just as you protect your kids from illnesses like measles, you can help "immunize" them against the disease of addiction. Parents who are educated about the effects of drug use and addiction can give their kids correct information and clear up misconceptions.

- IT'S NEVER TOO EARLY

Missouri middle school students:

12 years

is the average age of first use of alcohol¹

13 years

is the average age of first use of marijuana¹

33.7%

of students saw little to no risk with alcohol consumption¹

36.5%

of students saw little to no risk with marijuana consumption¹

by 3rd to 4th grade

children begin setting expectations of whether they will consume alcohol or restrain from doing so as they mature2

2/3 of youth age 13 to 17

say losing their parents' respect and pride is one of the main reasons they don't smoke marijuana or use other drugs³

By talking to your kids regularly about the dangers of drugs and alcohol you reduce their chances of using them by 42%.1

BAD NEWS

The problem is only 1 in 4 teens report having these conversations, leaving 75% of teens uninformed.2

WHAT IS DRUG **ADDICTION?**

WHAT IS DRUG ADDICTION?

Drug addiction is a chronic disease characterized by drug seeking and use that is compulsive or difficult to control, despite harmful consequences. The initial decision to take drugs is voluntary for most people, but repeated drug use can lead to structural and functional brain changes that challenge an addicted person's self-control and interfere with their ability to resist intense urges to take drugs. ¹ Just as cardiovascular disease damages the heart, addiction hijacks and permanently rewires the brain.

WHAT HAPPENS TO THE BRAIN WHEN A PERSON TAKES DRUGS?

In the brain, pleasure has a distinct signature: the release of the neurotransmitter dopamine in the nucleus accumbens. In nature, rewards usually come only with time and effort. Addictive drugs provide a shortcut to the brain's reward system by flooding the nucleus accumbens with dopamine. Addictive drugs can release two to 10 times the amount of dopamine that natural rewards do, and they do it more quickly and more reliably. In a person who becomes addicted, brain receptors become overwhelmed. The brain adapts by reducing the ability of cells in the reward system to respond to the drugs. This reduces the high that the person feels compared to the high they felt when first taking the drug – an effect known as tolerance.

These brain adaptations often lead to the person becoming less and less able to derive pleasure from other things they once enjoyed, like food, sex, or social activities. At this point, compulsion takes over. The pleasure associated with an addictive drug subsides – and yet the memory of the desired effect and the need to recreate it (the wanting) persists. Long-term use also causes changes in other brain chemical systems and circuits, affecting functions that include learning, judgment, decision-making, stress, memory and behavior.²

WHY DO SOME PEOPLE **BECOME ADDICTED** TO DRUGS WHILE OTHERS DON'T?

No one factor can predict if a person will become addicted to drugs. A combination of factors influences risk for addiction. The more risk factors a person has, the greater the chance that taking drugs can lead to addiction.

Biology

The genes people are born with account for about 50% of a person's risk for addiction. Some diseases, like sickle cell anemia or cystic fibrosis, are caused by an error in a single gene. However, most diseases, including addiction, are considered genetically complex and involve variations in a number of different genes.² Gender, ethnicity, and the presence of other mental disorders may also influence risk for drug use and addiction.

Environment

A person's environment includes many different influences, from family and friends to economic status and general quality of life. Factors such as peer pressure, physical and sexual abuse, early exposure to drugs, stress, and parental guidance can greatly affect a person's likelihood of drug use and addiction. Genetics and environmental factors are thought to play equal roles in the onset of addiction.²

Development

Although taking drugs at any age can lead to addiction, abusing drugs or alcohol before the brain is fully developed (any time before a person's mid-20s) may increase the risk of addiction later in life due to the changes these substances make to a growing brain.3

Children who begin drinking at age 13 have a 45% chance of becoming alcoholdependent.

A person who starts drinking at the legal age of 21 has only a 7% chance of becoming addicted.4

National Institute on Drug Abuse (NIDA)
 www.helpguide.org/harvard/how-addiction-hijacks-the-brain.html



www.drugabuse.gov/publications/drugfacts/understand-ing-drug-use-addiction
 National Council on Alcoholism and Drug Dependence
 Clinical EEG and Neuroscience
 National Council on Alcoholism and Drug Dependence

WHY DO KIDS USE DRUGS?

TOP 8 REASONS WHY KIDS USE DRUGS¹

There is no single reason why teenagers use drugs or alcohol. But here are some of the core issues and influences behind the behavior of teenage drug and alcohol use.

It's important that you, as a parent, understand these reasons and talk to your kids about the dangers of drinking and doing drugs.

- 1. Other People (teens, friends, parents using)
- 2. Popular Media (music, movies)
- 3. Escape & Self-Medication (mental disorders – depression, anxiety, ADHD, bipolar, etc.)

- 4. Boredom
- 5. Rebellion
- 6. Instant Gratification
- 7. Lack of Confidence
- 8. Misinformation

SOURCE:

1. Partnership for Drug-Free Kids



MARIJUANA MAY HURT THE DEVELOPING TEEN BRAIN

The teen brain is still developing and is especially vulnerable to drug use.

Regular heavy marijuana use by teens can lead to an IQ drop of up to 8 points.

HEAVY MARIJUANA USE BY TEENS IS LINKED TO:

EDUCATION RISKS



Lower grades and exam scores



Less likely to graduate from high school or college



Less likely to enroll in college

LIFE RISKS



Lower satisfaction with life



More likely to earn a lower income

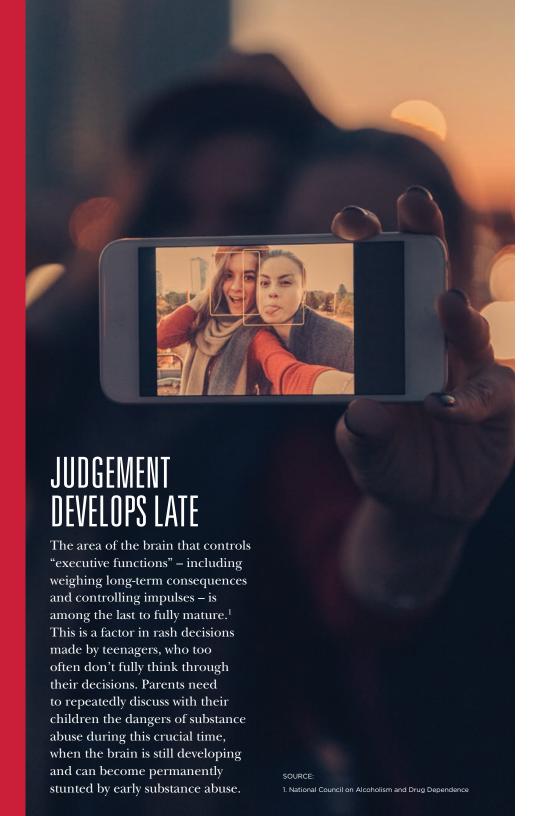


More likely to be unemployed

SOURC

onal Institute on Drug Abuse; NSDUH, SAMHSA, 2014; MTF vey; Meier et al, 2012; MTF Survey at al, 2013; Silins et al, 1; Tucker et al, 2005; Homel et al, 2014; Volkow et al, 2014; veyson and Bodon, 2009; Books et al, 2014

THE TEENAGE **BRAIN**



BRAIN DEVELOPMENT FROM CHILDHOOD TO ADULTHOOD

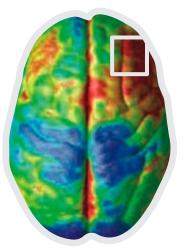
The dorsal lateral prefrontal cortex "executive functions"

During adolescence, the child's brain is unevenly developed and is not necessarily capable of the tasks parents believe should be occuring (planning, cause-effect analysis, learning, regret).

Red/Yellow: Parts of brain less fully mature



Blue/Purple: Parts of brain more fully matured **5-YEAR-OLD**



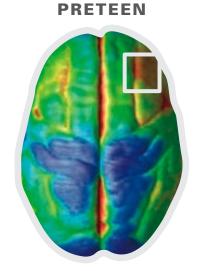
Front

Back

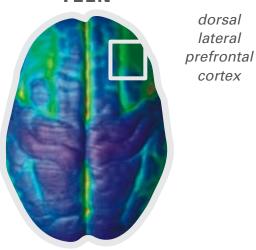
dorsal

lateral

cortex



TEEN



20-YEAR-OLD





Psychology Today, Parenting and the Amazing Teen Brain

HOW TO TALK TO YOUR KIDS ABOUT SUBSTANCE ABUSE

PRACTICE REFUSAL SKILLS WITH YOUR KIDS

Teens need ready-made comebacks to have in their pocket for when friends and peers start putting on the pressure. And most often, the person who offers and puts on the pressure WILL BE a friend or someone they know. Here are some tips:

- Discuss various ways to say "no" with your child and choose a couple options that are most comfortable
- Rehearse/role play regularly
- Be assertive and make eye contact when refusing
- Expect offers to use alcohol and drugs to come from friends and acquaintances

EXAMPLES:

Compliment the person.

"Thanks for offering, but I'm good."

State the consequence or problem.

"The trouble is my parents drug test me."

Offer an alternative that shows you value the person.

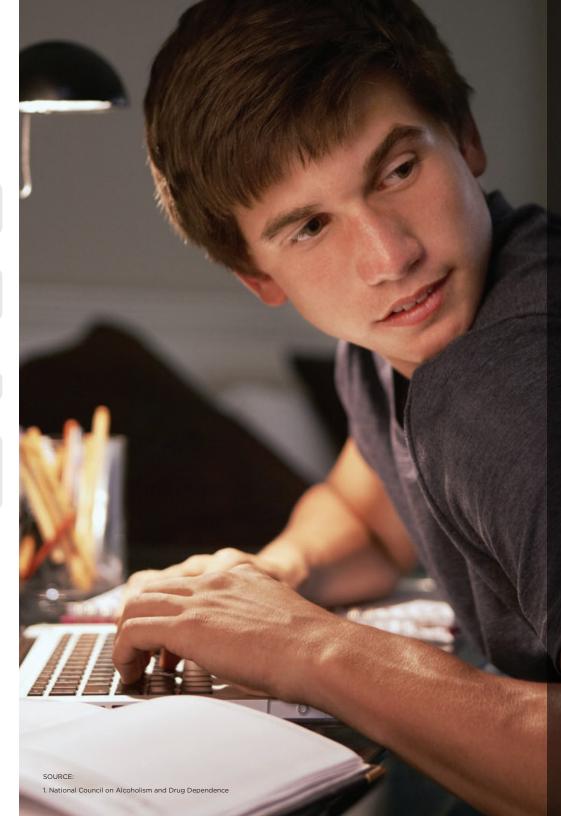
"Let's just hang out instead."

Leave in a way that doesn't offend.

"I have to get to my brother's basketball game. See you another time."

When it comes to talking to your kids about drugs & alcohol

BE PROACTIVE, NOT REACTIVE.



TROUBLED TEEN WARNING SIGNS¹

- Extreme moods and defensive attitude
- Sudden drop in grades
- Spending a lot of time in their room
- Unhealthy obsession with new friend group
- Self-harm
- Appetite changes
- No remorse for actions
- Sleep disturbances
- Frequent illness
- Consistent dishonesty
- Smells different or lack of proper hygiene

HOW TO TALK TO YOUR KIDS ABOUT DRUGS & ALCOHOL¹

- Listen before you talk— encourage conversation
- Talk to your child and ask open-ended questions
- Be involved
- Set expectations, limits and consequences
- Be honest and open
- Be positive
- Discuss family history

TALKING ABOUT DRUGS WITH KIDS: PRESCHOOLERS



It may seem premature to talk about drugs with preschoolers, but the attitudes they form now are the foundation for the decisions they'll make when they're older. Talk often with your preschoolers, and listen often to what they have to say.

PLAYING GROWN-UP

At this early age, children often like to play grown-up by pretending to be adults, mimicking what adults do and say. Your words and actions make a lasting impression, so let your child know how you feel about substance use. If you drive up to the supermarket, for example, and see someone standing outside smoking, tell your child that smoking is harmful and that it causes people to get very sick and sometimes die.

TEACHING ON THEIR LEVEL

Children this age are capable of understanding your explanation about poison and harmful things in your home, such as cleaning products, paint, gasoline and more. Caution your children to eat or drink only what you, a grandparent, or another caregiver gives them. If your child becomes sick and you administer medicine, use this opportunity to explain that medicine helps the person it is meant for but can harm someone else who takes it. Warn children to never take a drug unless it is meant for them.

SHORT BUT Honest answers

Preschool children are curious and eager to learn, but they also have relatively short attention spans.

When they ask questions, answer honestly but don't overwhelm them. For example, you or another adult family member might occasionally drink wine with dinner or enjoy a beer on the weekend.

Four-year-old Jimmy wants to know if he can taste it. You might say:

"No, Jimmy, this is only for adults who are at least 21 years old. It can make children very sick if they drink it. Why don't you help me fix you a glass of apple juice instead?"



DECISIONS, DECISIONS...

It's important to teach your children how to make good decisions early in life. One way to do that is to let your children make their own decisions - but only if they don't endanger their well-being.

For example:

Explain early and often about how healthy foods help children grow up to be fit and strong.

• If they are especially enamored by a fictional character or famous athlete, encourage them to eat healthy foods so they will grow up to be healthy and strong like their idols. This gives your child the background knowledge to make smart food choices.

When feasible, let your preschooler choose what clothing to wear - even if they make a few mistakes.

• Letting them choose builds confidence in their own decision-making ability.



SOURCES:

TALKING ABOUT DRUGS WITH KIDS:

ELEMENTARY SCHOOL (AGES 5-10)



At the lower end of this age range, children are very perceptive and anxious to learn. This is a good time to introduce more detail into your conversations about drugs, especially what they are and the consequences of using them. Explain the concept of addiction - that some people may not understand how harmful drugs are or that some people try drugs and then have a hard time quitting.

SAFE DRUGS & UNSAFE DRUGS

Kids in this age group may ask why some drugs are good for you and others aren't. This is a good time to explain to them that **prescription** medication should be taken only when a doctor tells you and only when administered by an adult. Tell your child that taking drugs even one time can make you sick or even kill you.

HONESTY & PRAISE

Explain in more detail how dangerous it is for children to drink alcohol and how harmful it is to their developing brain and body. Tell them the truth: even relatively small amounts of alcohol can make a child sick. If your children aspire to be like someone famous, such as a sports figure,

remind them that it's important to take care of their body and to not use tobacco, alcohol, or drugs if they want to excel. Children this age crave praise, so give it out freely when deserved. For example, let them know you think they are super smart for disliking the smell of cigarette smoke. This type of interaction also assures children they are capable of making healthy choices - in this case, they dislike cigarettes and don't want to be around them.

REPEAT YOURSELF

While in elementary school, children need to be warned about not using inhalants. Tell them - repeatedly - that even one instance of inhaling can lead to severe brain damage or even death.



WHEN THEY ASK...

When children in this age group ask questions, it's often because of something they have seen or heard, and it's important to know where they are getting their information. For example, your eight-year-old may ask, "What is pot?" First, clarify that your child is referring to marijuana by asking where your child learned about it and what exactly was heard, read, or seen. Based on that, you might answer:

"It's a very dangerous drug that people smoke, usually like a cigarette but sometimes in a pipe. Marijuana has chemicals in it that can cause cancer and maybe even kill you. People who smoke marijuana can get addicted and can't stop using it, or they might try other very dangerous drugs, too. It's nothing to mess around with, and I hope you don't ever try it. You are a smart girl, and I wouldn't want you to mess up your life."

INVOLVE OTHERS

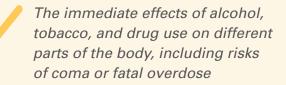
Children this age still respect adults, particularly law enforcement. As your child enters elementary school, offer to help establish or administer a drug education program that includes outside resources.

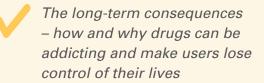
ENCOURAGE HEALTHY CHOICES & SMART DECISION-MAKING

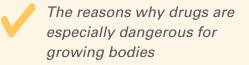
Talk to your kids often about making good choices and about healthy living and smart goal setting. Let them make ageappropriate decisions, and reward them when they do well. Doing so empowers them and gives them confidence in their decisionmaking skills.

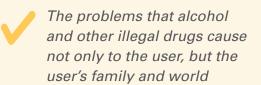
23

BEFUKE LEAVING ELEMENTARY SCHOOL, YOUR CHILDREN SHOULD KNOW:









SOLIDOES:

Drug Enforcement Administration and U.S. Department of Education, Growing Up Drug Free: A Parent's Guide to Prevention, Washington, D.C. 2012.

www.actmissouri.org/facts&resources.asp



TALKING ABOUT DRUGS WITH KIDS:

MIDDLE SCHOOL (AGES 11-14)



Your child's transition to middle school (or junior high) calls for special vigilance. If you began having regular conversations with your child at a young age, the child should know with certainty where you stand on the subject of drugs and alcohol. If you didn't have those conversations earlier, it's not too late to start! In fact, this is the time when you should spend even more time talking and listening, as your child is likely seeing more substance use on television, in movies, online and at school or in social situations. Children this age are capable of engaging in more in-depth conversations about why people use drugs, the potential dangers, and the consequences for the user and their family.

TAKE THE LEAD

Your child may not initiate as many conversations about drugs and alcohol with you as before. It's important for you to take the lead and engage your child in discussions by using real-life events in the news or in your own lives. For example, your child tells you that a friend named Kevin rode in a vehicle driven by an older brother who was smoking marijuana while driving. Explain to your child the importance of not riding in a car with someone who is using alcohol or drugs, and explain what to do in that situation. You might say, "What Kevin's brother did was illegal, and he could go to jail if caught. But more important, he could have had a serious accident. I hope you know you can call me if that ever happens to you, and I will come and get you. You'll be driving in a few years, and I'm glad you are smart enough to know better than to drink or do drugs and drive."

ENCOURAGE HEALTHY GROWTH

Conversations with your child should also include talking about their interests. Activities such as youth groups, arts, music, sports, community service, and academic clubs keep children occupied, develop team-building skills, provide a sense of discipline, and sometimes help kids discover talents they didn't realize they had. Encourage your children to share their dreams and ask what types of activities they enjoy, and then find a way to nurture those interests in positive ways.

SELF-IMAGE

Preteens begin going through

physical changes, and they start to care more about their self-image. Girls, especially, tend to pay more attention to hair and fashion. As you notice this happening, initiate conversations with your child about how he or she looks. Point out the obvious downsides to smoking, such as bad breath and stinky hair. Expand the conversation into talking about the long-term risks, such as lung cancer and emphysema. For children who are interested in sports, encourage them to stay healthy and avoid anabolic steroids as a "quick fix" for enhancing their performance.

FRIENDS & THEIR PARENTS

Kids want to fit in or feel normal around older teens who may expose them to alcohol, tobacco, or drugs. Get to know your child's friends. If you're giving a group of kids a ride to the mall, for example. make small talk with the friends by asking about their interests, their family, or what music or television shows they like. And get to know the parents of your child's friends and share with them your desire to raise a drug-free child. If your child regularly hangs out with the same five friends, you could have as many as ten extra caregivers keeping their eyes and ears on your child's activities!

PRACTICE MAKES PERFECT

Your ongoing conversations with your children should include how to respond if someone offers them drugs or alcohol. Let your child practice his answers. "No, thanks. I'm not into that." or "Nah, I play on the basketball team and don't want to risk it." Assure your children you will come get them any time - without scolding - if they need to leave a place where alcohol or drugs are being used. If you can't be available, find a responsible adult who will go in your place.

ASKING & LISTENING

Your role as a parent (or caregiver) isn't just to talk to your kids, but to also listen. It's up to YOU to ask open-ended questions that require more than a simple "yes" or "no" answer. Conversation starters can come from the media or from real life. For example, you might say, "What do you think about the lyrics in this song - when the guy sings, 'I took a pill in Ibiza, to show Avicii I was cool?' What does that make you think about? How do you feel about that?"

INHALANTS -A PARTICULAR CONCERN

Just as with elementary school students, the use of inhalants is of particular concern at this age. In a 2011 survey, 7% of eighth graders reported using inhalants in the year prior, and 39% didn't consider the regular use of inhalants to be harmful. However, inhalants can cause unconsciousness, severe damage to the brain and nervous system, and even death the very first time they are used! Yet 64% of the eighth graders surveyed didn't think trying inhalants once or twice was risky. Young teens may not understand the risks of inhalant use, so it's up to you to educate them about the dangers.

WHAT DO THEY THINK?

Continue to teach your children to be critical of how drugs and alcohol are portrayed in videos, movies, and television shows. Do they think engaging in promiscuous behavior after drinking too much is attractive or disgusting? Does a video that shows drugs make them curious enough to want to try them? Continue to talk to your kids often about making good choices and about healthy living and goal setting.



ADDICTION IS REAL

SOURCE

TALKING ABOUT DRUGS WITH KIDS:

HIGH SCHOOL (AGES 15-18)



By the time teens enter high school, they have likely had many opportunities to try drugs, alcohol, or tobacco. Even if they have resisted the temptation, they've probably seen peers do it - sometimes to excess and perhaps even with serious consequences. In fact, they may know fellow classmates with addiction issues. You can't choose your children's friends, but you can encourage them to talk to their friends about the dangers of drugs and alcohol, and develop friendships with kids who do not smoke, drink, or do drugs.

WHAT THEY'RE THINKING

Teens this age typically understand how substance use can affect unborn children, how combining drugs can be deadly, and how easy it is to go from casual use to abuse to addiction. Enforce these concepts when talking with your teenager. During the last few years of high school teens are thinking about what their future holds, so this is a great time to keep reminding them that substance use can ruin their chances of getting into college, being accepted by the military, or being hired for certain jobs.

DEBATING WHAT'S LEGAL

An important issue to discuss with your teenager is the debate over medical marijuana. Make sure your child knows that "smoked marijuana" has not withstood the rigors of science it is not medicine and it is not safe. Recreational marijuana is harmful, and although it is sold in some states, it is still illegal in ALL states under federal law.

GRANTING INDEPENDENCE -WITH LOVE

Children this age want independence, but you need to set limits. Set curfews and other expectations for your child's behavior, establish appropriate consequences for breaking rules, and consistently follow through with enforcement. Finally, tell children often that you care about them and that they are **important to you**. Show them you mean it by regularly spending oneon-one time with them. Developing this strong bond will make your child more likely to come to you with questions or concerns about drugs, alcohol, or other sensitive issues. Remember, even as children are pushing for independence, they need someone they love and respect to be involved. They need YOU!

KNOW WHAT'S TRENDY

Talk with your teen about what you know about the dangers of abusing prescription drugs. Non-medical use of prescription medications to get high is rising dramatically. Routinely ask your teen which prescription drugs are issues at school, in friends' homes, and at parties. Know what they look like and how to identify them.

DRIVING RESPONSIBLY

As teens begin to drive and become even more independent, establish clear rules about drinking or using drugs while driving. Ask for their input; then develop a written agreement that spells out **expectations** for behavior and specific consequences for breaking the rules. For example, you may want to limit the hours your teen can drive and grant (or deny) permission to transport younger siblings. Whether or not your city or state restricts the number of passengers in your teen's car, you can do so as part of your written agreement. You and your young driver should sign the agreement to give it more credibility, then keep it in a public area of the home to serve as a constant reminder of what is expected.

Example of a young driver written agreement:

I will not drink alcohol and drive.

drugs are present.

Signed,

drinking or using drugs.

I will drive only from a.m. until

I will not stay at a party where alcohol is served or

I will not ride in a car with a driver who has been

THE "AT HOME"

Some parents mistakenly believe "My teens and their friends are safer drinking at home because they aren't out driving while intoxicated." Even if state law permits teens to drink at home at certain ages under a parent's supervision, it doesn't mean you **should let them.** Doing so may be setting a dangerous example, signaling you approve of what may be illegal consumption of alcohol in other settings. And if you give your teen permission to host a party in your home, never supply alcohol to your child's friends. Not only is it illegal, but you may be held liable for anything that happens to the minors and any damage they cause - including what happens when they leave the premises.



Knowing you are proud of them and the good choices they make can motivate teens to maintain a drug-free lifestyle and to serve as a positive role model for younger siblings. Parenting doesn't stop when a child goes to college. Find out if there is a program during freshman orientation that educates students about campus policies and health and wellness or prevention programs related to alcohol and other drug use. If so, attend with your child, or at least be familiar with the name of the person who is responsible for campus counseling or prevention programs.

Learn about the college's standards of conduct. Federal regulations require any institution of higher education receiving federal funding to have a drug prevention program that prohibits, at a minimum, the unlawful possession, use, or distribution of illicit drugs and alcohol by students on campus property or while participating in its activities. Colleges must enforce these standards or risk serious consequences, including loss of federal student financial assistance. Ask about and understand the college's parental notification policy for standards of conduct violations. Make sure your child understands the penalties for underage drinking, public drunkenness, illicit drug use, using a fake ID, driving under the influence of drugs or alcohol, assault, and other alcohol-related offenses.

Make certain your child understands how alcohol and other illicit drug use and abuse can be associated with date rape, violence, and academic failure, as well as have consequences after graduation.

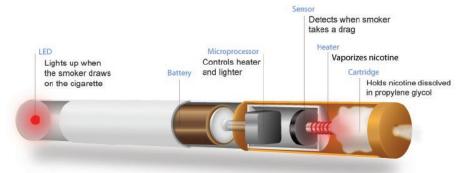
This is also the time to stress the importance of the responsible consumption of alcohol when your college-age children are of legal drinking age, and if they choose to drink.

VAPING

WHAT IS VAPING?

"Vaping" is a term introduced by the electronic nicotine delivery system (ENDS) industry to refer to any electronic vaporizer, such as e-cigs, vapes, vape pens, vaporizers, and e-hookahs. The term can incorrectly lead people to believe that using electronic vaporizers produces a harmless water vapor, but in reality these devices produce potentially harmful aerosols that are inhaled into the lungs and exhaled into the environment.

WHAT IS AN E-CIG?¹



E-CIGS ARE NOT "HARMLESS WATER VAPOR"

E-cig aerosol contains chemicals known to cause cancer, birth defects and other reproductive harm.

- Toluene
- Acetaldehyde
- Benzenene
- Cadmium
- Formaldehyde
- Isoprene
- Nickel
- Lead
- N-Nitrosonornicotine
- Nicotine

WHAT'S IN E-CIGS?

Basic Ingredients, as listed by most e-cigarette manufacturers:

- Propylene glycol
- Vegetable glycerin
- Nicotene (optional ingredient available in a variety of levels)
- Flavoring chemicals
- Additional chemicals

Carcinogens, found through product testing but not listed:

- Diethylene glycol (toxic ingredient in antifreeze)
- Formaldehyde
- Acetaldehyde
- Acrolein

KIDS ARE USING E-CIGS²

- E-cigs are now the most commonly used tobacco product among youth, surpassing conventional cigarettes in 2014.
- More than 2 million middle and high school students were current users of e-cigs in 2016.
- 11% of high school and 4.3% of middle school students were current users of e-cigs in 2016.
- E-cig use rose from 1.5% to 16.0% among high school students and from 0.6% to 5.3% among middle school students from 2011 to 2015.
- The industry is renormalizing smoking for youth.

SOURCES:

1. National Institute on Drug Abuse; National Institutes of Health; U.S. Department of Health and Human Services

2. E-Cigarette use among youth and young adults - a report of the Surgeon General



MISSOURI HAS DOUBLE THE RATE OF KIDS WHO USE E-CIGS



11.3%

2016 National data for high school students who use e-cigarettes



2016 Missouri data for high school students who use e-cigarettes

There are over 460 different types of e-cigs on the market.

TOP 10 WAYS TO KEEP YOUR KIDS OFF DRUGS

Watch for warning signs of drug use, including depression, falling grades, isolation, and change in friends. Find help if you suspect your child is using drugs.

Keep all prescription drugs put away. If someone in your family does take prescription drugs, be sure that your teen cannot get their hands on them. Properly and immediately dispose of any leftover prescriptions. Don't make it easy for them to try drugs.

Keep your child active.
Students that have a goal they are working toward in life or are busy with sports or music are much less likely to get involved with drugs.

Take care of their emotions.
Teens today are under a lot of pressure with school, sports and relationships. Be careful that they are not too worried or stressed about these things. Teach them good techniques to handle stress.

Model good behavior.

If your teen sees you doing things like getting drunk, smoking, or self-medicating, they will be more likely to do so themselves.

Sometimes this can even lead to worse habits, like drug or alcohol abuse.

Don't leave your child unsupervised for long. In a world where many families require two incomes or single parents are raising children, this may be

difficult. But it is so important not to just leave your child to fend for themselves after school. The time when most teens get into trouble or start a harmful behavior is the time between school letting out and when their parents get home.

Know your child's friends.
If you are suspicious of whom your teen is spending time with, talk to them. Invite the friends over to your house to get to know them. If you have concerns about their friends, talk to your child about it.

Know where your teen is.
Teens should follow household rules about curfew and keeping you informed about where they are going. If something doesn't seem quite right, don't be afraid to question your child about where they've been. You are the adult and the sooner your child sees that you are going to check up on them, the better.

Talk to your child about drugs, and do it early. An ongoing dialog is the best way for your teen to know that you have an understanding of the temptations they face, and are going to do what you can to help them.

Know your child. If you work on your relationship with your children when they are young, it will be easier to talk about drugs and know what they are up to when they are older. Build a bond early so it can survive those tough teenage years.

OURCE: