





Encourage Your Teen to Do Things That Help the Brain to Grow

Starting around age 9 to 10, the brain has a growth spurt that lasts into the mid-20s. The outer covering of the brain (called the cortex) gets thicker. The brain follows the simple principle of use it or lose it: the brain connections that teens use again and again become stronger. The connections they do not use just fade away. How teens spend their time matters. What teens do will help to shape their brains.

One of the last areas of the brain to mature is called the prefrontal cortex. Located right behind the forehead, the prefrontal cortex helps teens to learn how to solve problems, set goals, and control their feelings.

Here are sene ways you can help your teen's brain to grew;

- Encourage your teen to try a new hobby or practice a new skill like learning a musical
- Help your teen learn how to manage time and tasks. Teach your teen to make lists of things to do. Help her or him use a calendar to keep up with
- Help your teen to be physically active. Sports, exercise, and being outdoors are good for the brain.
- Work with your teen to set time limits for the computer and TV. Also set limits for cell phones and playing video games.
- Find ways to expand your teen's role in family decision making, how to budget money, and

Talk with Your Teen

The teen years can be challenging. You can make it a more peaceful time by understanding how the teen brain thinks. When it comes to emotions, teens are working out of a lower area of the brain called the limbic region (the "emotional center" of the brain).

Teens often have mood swings.

And they often act on how they feel before thinking things through.

Changes occurring in the adolescent brain slow down a teen's ability to identify emotions. They may struggle to understand their own feelings and the feelings of others. Teens often misinterpret the look on someone's face or body language. For example, they may see anger instead of fear or concern. As their brains mature, teens will become more skilled at identifying and thinking through their emotions.

The fellowing steps can help you talk with your teen:

- Say clearly how you feel. Use "I" statements such as "I care about you" and explain what is making you feel that way: "I am worried because you didn't call me to tell me you'd be late..." Be sure to use words not facial expressions to say what you mean and avoid generalizing, blaming statements ("You never do what I ask.")
- Ask your teen how he or she feels.

 Remember that your teen's feelings may change a lot. Mood swings are not unusual.
- If your teen is angry or upset, stay calm.
 Don't lose your temper.
- Set some rules for talking about problems.
 Say "I want to know why you are upset. But you cannot yell, scream, or swear at me."

Lidy Your Teen Get Lots of Sleep

Sleep is very important for teens and their growing brains. During these years, major changes occur in the sleep centers of the brain. The brain releases a chemical that makes teens get sleepy two hours later than when they were children. Teens do not feel tired until later at night and have a harder time waking up early. The chemicals that control teen sleep patterns also help to build important brain connections. Teens need over nine hours of sleep every night.

Here are ways you can help your teen to get enough sleep:

- Talk about why teens need more sleep. Sleep helps to build a stronger, smarter brain. Sleep helps to lower stress. Sleep helps with memory. Teens who get more sleep do better in school.
- Help your teen plan for time to sleep.
 Sleeping in on the weekend can be a good thing!
- Talk about ways to relax before going to bed. That means no video games, no heavy exercise, and no coffee, soda, or energy drinks late at night.

lielp Your Teen Learn llow o to Make Good Decisions

Teens are drawn to new and exciting experiences. They want to be free and do things on their own. Chemical changes in the brain motivate teens to look for risks and challenges. This is normal. But, the part of the brain that helps teens assess risk and control impulses is still growing. This means that teens may not think about the consequences of their actions.

Teens need your help to think through the outcomes of their decisions. Teens also need practice in making decisions. You can provide chances to share responsibility, to make decisions, and to weigh the pros and cons of different types of choices. This will help your teen develop good judgment.

You Can:

- Help your teen take positive risks, like trying out for a new sport, making new friends, or visiting new places. This will build confidence and self control
- Let your teen decide what, when, and how to do things. This will help your teen become a leader. Community service projects, summer jobs, and after school programs are good for the brain!
- Get to know your teen's friends. Together, set rules on how often your teen should check in with you. Say that you want to know what she or he is doing, where, and with whom. This builds trust between you.
- Work together to set rules and agree on curfews.
 Together, decide what will happen if your teen breaks the rules. Listen to what she or he wants.
 Talk about what you want for your teen.

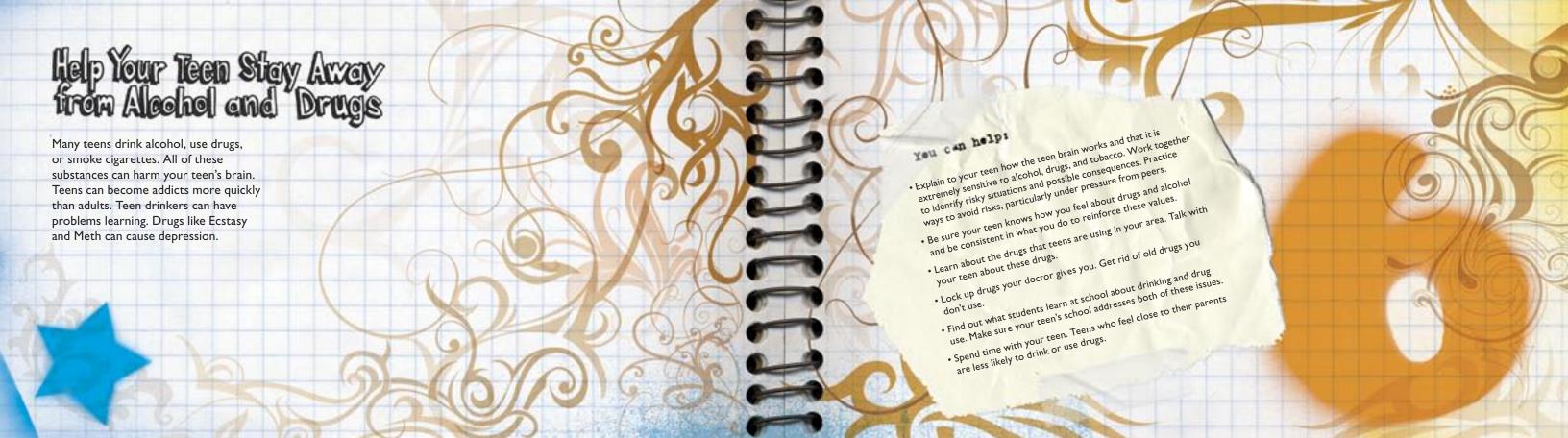
Boys' and Girls' Brains Really are Different!

Male and female brains are different. Some of these differences are happening during puberty due to hormones that affect how the teen brain develops. The female brain matures earlier than the male brain. Some areas of the brain become larger in females while other areas grow larger in the male brain. Differences in the male and female brain may help to explain different patterns in learning and behavior between boys and girls; therefore:

- Provide opportunities for all-boy and all-girl activities to take advantage of gender-based learning patterns and interests.
- Learn about the differences between boys' and girls' brains
 Learn about the differences between boys' and girls' brains and how gender can influence their educational needs, such as extra support for learning certain skills and subjects.
- Model healthy relationship. Provide lots of opportunities for boys and girls to practice healthy relationship skills including communication, negotiation, and problem-solving.

For parents who want to learn more about the amazing teen brain, go to: http://www.instituteforsafefamilies.org





Story Tuned In to Your Teen's Life

Teens need you as much as ever, here are some ways to be there fer your teen:

- Be a good example. Get out and exercise. If you drink, be responsible. Eat healthy foods. Do fun things with your family.
- Expect some drama such as mood swings and easily hurt feelings as your teen goes through the many changes and challenges of
- Give your teen both freedom and rules. Help
- your teen try new, fun things.
- · Work to make home peaceful. Accept this time of transition in your teen's life. Listen and talk. Do things together that you both enjoy.

Resources for teens and parents about healthy relationships, peer influences, and sexual risk-taking:

WHY Do They Act That Way?: A Survival Guide to the Adolescent Brain for You and Your Teen by David Walsh PhD (2004). Published by Free Press, NY, NY,

The Primal Teen: What the New Discoveries about the Teenage Brain Tell Us About Our Kids by Barbara Strauch (2003), Published by Doubleday, NY, NY.

www.advocatesforyouth.org

Provides information about adolescent sexual and reproductive health to parents, health care providers, educators, and advocates. The Parent's Sex Ed Center contains tips and resources to help parents communicate effectively with their teens.

www.shelternet.ca

Offers teens information and a quiz to help build healthy relationships. Provides suggestions for how to talk to a friend who is in an abusive relationship and explores options for how to get help and safety planning.

www.freevibe.com

Provides information and resources to teens using drugs and alcohol and offers support for those who have parents with substance abuse problems. Sponsored by the Federal government.

www.empowered.org

Provides prevention education to address bullying and peer aggression.

www.focusas.com

Serves as a clearinghouse for information, resources, and support. Large volume of resources dealing with teen and family issues including state resources.

http://au.reachout.com

Provides information about a number of mental health concerns including depression, loss and grief, and substance abuse, as well as other teen issues such as friendship.

www.teenshealth.org

Addresses a wide range of teen health concerns including cutting, tattoos, sexual health, persona safety, and diseases.

www.reachout.asn.au

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Addresses a wide range of teen health concerns including cutting, tattoos, sexual health, personal safety, and diseases.

www.loveisrespect.org

Targeted to 13- to 18-year-olds, this national teen dating violence resource offers teens who are experiencing dating abuse the opportunity to log in and get help from trained associates in a one-on-one private chat room. This website is co-sponsored by the National Domestic Violence Hotline and Liz Claiborne Inc.

There are a growing number of resources for learning and socioemotional development that integrate information and strategies from new research about brain development. For example:

http://www.brainwise-plc.org/ http://www.copingskills4kids.net/

