

Alzheimer's Disease: The Mind Robber

Conner stared at his grandmother. "Grandma, I'm not Patrick. My name is Conner."

Conner's grandmother raised her eyebrows and said, "I know my own children. You're Patrick."

"Okay, Grandma, I'm Patrick," he said. Conner turned away. *Boy, was Grandma acting weird*, he thought. Lately she kept calling him Patrick--that was his dad's name, not his. Why did she do that? It was as if she didn't know him at all. Tears welled up in his eyes.

Yesterday he had told her several times that he wasn't Patrick. He had thought she was playing games with him. But she became angry and yelled at him after the fourth or fifth time that he insisted he was Conner. He cried yesterday too.

Confusion

Conner's grandmother wasn't playing games with Conner at all. She really did think he was his father, Patrick, when he was a boy. Grandma mixes things up in her mind. She can't help it. She has *Alzheimer's* (AHLZ-hi-merz) *disease*, or AD. If you have an elderly grandparent or friend, you have probably heard of this disease. Some call it the disease of forgetfulness.

Everyone forgets something from time to time. That's pretty normal. You might forget to turn in your homework. Your father might not remember to buy milk and bread on his way home from work. And as people age, they may forget more things--like a birthday, or whether they took their medicine.

The Alzheimer's Disease Education and Referral Center (ADEAR) says that with Alzheimer's, the forgetting is about things that are part of everyday life. You might not notice the symptoms of AD at first. The early symptoms are mild and usually develop slowly. Only later, when a person starts saying and doing things that seem very different from before, are the symptoms noticeable. A person can forget how to get dressed. He or she might not remember how to get home from the grocery store that is visited once a week. Like Conner's grandmother, a person may not recognize loved ones at all. This is why Alzheimer's has also been called a mind-robbing disease.

An Age-Related Disease

Alzheimer's disease is mostly a disease of old age.

As people age--into their seventies and eighties--their chances of having AD go up. Children never get it. And one person cannot catch it from someone else.

Alzheimer's does occur in people younger than 60 or 65, but this is rare. Tracy Mobley was diagnosed when she was 38 years old. "My husband began to notice that I was forgetting a lot of things, such as recent conversations or decisions that we had made." One day, Tracy didn't recognize her own dog. She watched the dog for 10 minutes and then asked her son whose dog it was. "Mom, that's Daisy!" he replied. According to ADEAR, Alzheimer's in people younger than 60 may be inherited.

One of Several Diseases

There are several disorders that cause forgetfulness. Alzheimer's is one of them. The disorders cause brain cells to be destroyed. When brain cells are lost, *dementia* (dih-MEN-shuh) is the result. Bleeding or blood clots in the brain can also cause this damage. In AD, the damage is caused by deposits in the brain that keep the cells from working properly. The symptoms of dementia, besides forgetfulness, are

- problems with reasoning, such as having trouble balancing a checkbook
- poor judgment, such as driving a car incorrectly
- becoming lost in the neighborhood or other familiar places
- having trouble finding the right word or making sense when speaking
- not being able to get dressed or bathe without help.

Treatment

There are several treatments for Alzheimer's. Research is ongoing to find more and better treatments too. So far, Alzheimer's cannot be stopped or cured. Drugs and other treatments can help slow down the development of Alzheimer's or help people with it function better. Some of those medicines can help control some symptoms that AD causes, like not being able to sleep, wandering around the house or away from home, nervous excitement, anxiety, and depression.

Lately, research has looked into other treatments. They include anti-inflammatory drugs, vitamin E, and statins--cholesterol-lowering medicines.

Experts say that an important "treatment" for people with Alzheimer's disease is behavior that keeps the mind active. Reading, learning new things, and staying active with social groups can help.

AD Affects You

Caring for a person who needs help with everyday living takes a lot of time and energy. If a grandparent or another person with Alzheimer's lives with you, your parents may not have much time to spend with you. This can cause a mix of unpleasant feelings.

These feelings are normal. You may experience any or all of the following: sadness, anger or frustration, fear, and even resentment.

Ways to Cope

You can cope by letting your parents know how you feel. If you are angry because Grandma acts differently, learn what you can about AD and how it is affecting her. If you resent her for the time your parents spend taking care of her, ask how you can help out. If she lives with you or near you, you can do little things together. And you can help your parents with some of the household work. Then they may have more time to spend with you.

Tracy Mobley's 9-year-old son keeps an eye out for his mother. If Tracy is very tired and her symptoms are worse, he lets his dad or his grandmother know so that they can help.

Alzheimer's is a devastating disease. Coping with an Alzheimer's patient will take understanding and patience on your part. Remember that.

Things You Can Do Together

There are still many things that you can do together with your grandparent or other loved one who has Alzheimer's. Here are a few of them--check off the ones that you would like to do.

- Listen to music
- Paint pictures
- String beads
- Rake leaves
- Brush or comb one another's hair
- Fold laundry

- Look at family photos
- Make a memory book
- Take a walk
- Toss a ball
- Put a puzzle together
- Blow bubbles

There are many more things that you can do together. Your loved one will enjoy doing the activity and love being with you, even if he or she can't always show it.

Name: _____

Date: _____

1. According to the list in the passage, what is one activity you can do when spending time with someone who has Alzheimer's?

- A listen to music
- B play cards
- C talk on the phone
- D play video games

2. Which of the following is NOT an effect of Alzheimer's disease?

- A poor judgment
- B getting lost
- C having trouble finding the right word or struggling to speak
- D having problems seeing things that are far away

3. Based on the passage, it is likely that

- A caring for someone with Alzheimer's is easy
- B Alzheimer's generally happens in children
- C dealing with Alzheimer's can be challenging
- D there is nothing you can do with someone with Alzheimer's

4. Read the following sentence: "There are several disorders that cause forgetfulness."

As described in the passage, disorders are

- A things that are messy
- B health problems
- C confusing directions
- D orders from a doctor

5. What is the central focus of this passage?

- A Alzheimer's disease and how it affects a family
- B the causes of Alzheimer's disease
- C what to talk about with your grandparents
- D ways to help your parents out around the house

6. What is Alzheimer's disease?

7. Why might a child whose grandparent has Alzheimer's feel frustrated?

8. The question below is an incomplete sentence. Choose the word that best completes the sentence.

There are a lot of things people with Alzheimer's cannot do anymore, _____ they can still listen to music and paint pictures.

- A but
- B because
- C before
- D after

9. Answer the following questions based on the sentence below.

People over the age of 60 may get Alzheimer's disease because their brain cells are damaged.

Who? people over the age of 60

(may) What? _____

Why? _____

10. Read the vocabulary word and definition below, and complete questions 10a, 10b, and 11.

Vocabulary Word: frustration (frus · tra · tion): a feeling of being upset or angry because you cannot solve a problem or reach your goal.

10a. Read the sentences below, and underline the word **frustration**.

1. Many kids whose grandparents have Alzheimer's feel frustration because their parents are busy taking care of someone else.
2. People with Alzheimer's may feel frustration because they are unable to remember their family members' names.
3. Alzheimer's disease causes frustration for the people who have the disease because they may not be able to take care of themselves.
4. I experienced frustration when I wanted to go to the park, because my mom said I had to do my homework first.
5. When I tried to do my math homework, I felt frustration because I did not understand the directions.

10b. Which image more likely shows a baby experiencing frustration?



11. Would you be frustrated if you had to do your homework twice? Explain.

Teacher Guide and Answer Key

Passage Reading Level: Lexile 760

Featured Text Structure: Enumerative – the writer includes a list, giving examples of something. This text structure is often combined with cause/effect or problem/solution.

Passage Summary: This passage provides readers with a description and details of Alzheimer's disease, explaining its causes and effects, treatment methods, ways to cope with the disease as a family, and suggestions for things to do with people who suffer from Alzheimer's.

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- A **Alzheimer's disease and how it affects a family**
- B the causes of Alzheimer's disease
- C what to talk about with your grandparents
- D ways to help your parents out around the house

6. What is Alzheimer's disease?

Suggested answer: It is a disease that causes people, usually the elderly, to become extremely forgetful.

7. Why might a child whose grandparent has Alzheimer's feel frustrated?

Suggested answer: A child whose grandparent has Alzheimer's might feel frustration because his or her parents need to spend a lot of time with the grandparent with Alzheimer's, and the child may not get the same amount of attention.

8. The question below is an incomplete sentence. Choose the word that best completes the sentence.

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Who? people over the age of 60

(may) What? **get Alzheimer's disease**

Why? **because their brain cells are damaged**

10. ReadWorks recommends that you teach this vocabulary word to the whole class out loud using the four steps listed below.

Vocabulary Word: frustration

Step 1: Introduce the word

- a. Teacher writes the word on the board and divides it into syllables: (frus · tra · tion)
- b. Teacher says: "This word is frustration. What is the word?" [All students reply together out loud: "frustration."]

Step 2: Provide a child-friendly definition

- a. Teacher says: "Frustration is a feeling of being upset or angry because you cannot solve a problem or reach your goal."
- b. Teacher says: "In this passage, the author tells readers that they may feel frustration when they have a family member with Alzheimer's, because they may not get as much attention as they want from their parents, who are busy helping the family member with Alzheimer's."
- c. Teacher says: "What is the word?" [All students reply together out loud: "frustration."]

Step 3: Practice the word

Teacher provides examples and additional opportunities to repeat the word. Read the first sentence out loud to your students. Begin reading it again and when you come to the vocabulary word, prompt students to say the vocabulary word out loud. Then finish reading the sentence out loud to your students.

- 10a.**
1. Many kids whose grandparents have Alzheimer's feel frustration because their parents are busy taking care of someone else.
 2. People with Alzheimer's may feel frustration because they are unable to remember their family members' names.
 3. Alzheimer's disease causes frustration for the people who have the disease because they may not be able to take care of themselves.
 4. I experienced frustration when I wanted to go to the park, because my mom said I had to do my homework first.
 5. When I tried to do my math homework, I felt frustration because I did not understand the directions.

Step 4: Check for student understanding

This step can be completed as a whole class activity or as an independent practice.

- 10b.** Which image more likely shows a baby experiencing frustration?



- 11.** Would you be frustrated if you had to do your homework twice? Explain.

Suggested answer: Yes, I would be frustrated at having to do the work twice, unless repeating it helped me to better understand the material.

Suggested Additional Vocabulary: treatment, resentment, cope, disorder, symptoms, devastating, welled