

# THINKING ON MY OWN

## Video: Star Gazers

### *Problem-Solution Nonfiction Text Structure (problem-evidence-solution-results)*

Adrienna wants a new cell phone, but her parents are not sold on the idea. Unwilling to give up, Adrienna has spent a lot of time on the Internet checking out different phones from various providers. Her parents soon decide that if she can determine a responsible way to dispose of her old phone, they will consider a new one. She quickly recalls a link she saw on one of the websites that provided information on cell phone disposal. Returning to the Internet, Adrienna quickly locates the link with the information. Eagerly, she reads the information so she can share it with her parents. As Adrienna is reading, she also discovers that the text is a wonderful example of Problem-Solution Nonfiction Text Structure.

Now it's **Your Turn!** Read **Turning "Old" to "Gold"** and create your own *Think Aloud* and Graphic Organizer.

Then compare your thinking with **Adrienna's Think Aloud and Graphic Organizer**.



### Before You Read:

Think about what you may already know about cell phones. Think about what you've learned about problems and solutions. Then, jot your ideas.

### While You Read:

As you read this passage, ask yourself, "Am I making sense?" Look for signal words that can help you determine the problem and solution. You may want to highlight signal words in blue and the problem in orange, evidence in tan, solution in brown, and results in green. (You may use any colors available to you – just remember your color scheme.)

### After You Read:

- Now it's time to try Thinking Aloud on your own. Ask yourself this question, "What is the proper way to dispose of a cell phone and why is that important?"
- Use the information you've learned from this passage and Problem-Solution Nonfiction Text Structure to determine the problem, evidence, solution, and results.

### Turning "Old" to "Gold" Recycling Your Cell Phone

A new cell phone with the latest technology may grab your attention, but what happens to the old phone you're replacing? If you're like 90% of people, the old cell phone may be tossed in a drawer or a garbage can. Eventually, it will end up in the landfill. With an estimated 3.3 billion cell phone users worldwide, that's where the big problem arises. Cell phones and chargers contain a dangerous mix of toxic materials that can poison the water, soil and air.



The pollution solution is recycling your old cell phone. Many wireless service providers collect used cell phones, then refurbish or recycle them. The proceeds are used to provide calling cards, phones, or even cash to different causes. Non-

profit organizations may also collect old cell phones and chargers. For example, through one charity, your recycled cell phone helps provide a calling card to a soldier serving overseas. Through other charities, it may help fund a school art program in New York City, or an animal shelter in New Orleans. An internet search on cell phone recycling will give you ideas about where to take or send your old cell-phone. On some sites, you can even choose the charity you'd like to help.



**Create a Graphic Organizer:**

After you have determined the problem and solution for *Turning "Old" to "Gold": Recycling Your Cell Phone*, create a graphic organizer below. It should represent your thinking and help you remember the author's main points.



#### Compare Your Think Aloud With Adrienna's Think Aloud:

**Adrienna's Think Aloud:** The second part of the title, "Recycling Your Cell Phone" helps me understand that the text is going to provide me with the information I'm looking for. When I read, "that's where the big problem arises," I know that the author already stated the *problem* in the text. As I reread, I understand that the *problem* is that cell phones "end up in the landfill," but I'm not sure why that is a problem. I'm thinking that I should look for *evidence* to support why cell phones ending up in the landfill is such an issue. In the very next sentence, I read that there are a dangerous mix of toxic materials that can poison the water, soil, and air." I realize this is *evidence* for why it's a problem that cell phones end up in the landfill. I'm surprised that the charger contains toxins, too! I'm thinking this is why my parents wanted me to find a place to dispose of my old phone.

From the signal word, "solution," I understand that "recycling" cell phones is one way to reduce pollution. I'm thinking that one result of the recycling is "less pollution." I wonder if there are any other *results*? I read on and find that non-profit organizations use the "proceeds they make from refurbished or recycled phones to provide calling cards, phones, or cash to different causes." I understand that these are other *results* of recycling cell phones. I never knew my cell phone could be so dangerous to the environment if I just threw it away. I guess that is a great reason to recycle, but the fact that recycling will *result* in helping others somehow is great, too!

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The **pollution solution** is **recycling your old cell phone**. Many wireless service providers collect used cell phones, then refurbish or recycle them. The **proceeds are used to provide calling cards, phones, or even cash to different causes**. Non-

profit organizations may also collect old cell phones and chargers. For example, through one charity, your recycled cell phone helps provide a calling card to a soldier serving overseas. Through other charities, it may help fund a school art program in New York City, or an animal shelter in New Orleans. An internet search on cell phone recycling will give you ideas about where to take or send your old cell-phone. On some sites, you can even choose the charity you'd like to help.



#### Compare your Graphic Organizer with Adrienna's Graphic Organizer:

**Adrienna's Graphic Organizer:** "Because the author is identifying a problem and offering a solution I'm going to create a problem-solution graphic organizer to record the information."

#### Questions to Think About:

- How do *signal words* help Adrienna make sense of the text?
- How does the *Problem-Solution Graphic Organizer* help Adrienna identify the author's key points?
- Why might this process help you make sense of text?
- When might this process be useful?

