Lesson

10
Close Reading

1\(^{st}\) Read – Scratch the Surface
   • get the gist of the text

2\(^{nd}\) Read – Discover New Words
   • highlight/underline any unfamiliar words
   • use context clues to determine the meaning of the word
   • write the definition on the text

3\(^{rd}\) read – Dig a Little Deeper
   • determine the main idea of each paragraph or section of the text
   • write the main idea on a post-it

4\(^{th}\) read – Analyze the Text
   • teacher determines (identify theme, cause and effect, author’s purpose, etc.)
Ryan Hreljac,*
Saving Lives at Six

Ryan Hreljac’s ability to motivate people is pure genius. With words and actions, he has sent a clear signal to thousands of people. His message? You can make a difference.

When he was in first grade, Ryan’s teacher taught him that many people in the world get sick and die because they don’t have clean water. Ryan was six years old, lived in Canada, and had plenty of food and clean water. He was sitting in a comfortable school that had electric lights, clean bathrooms, and plenty of classroom materials, so it might have been hard for him to imagine what his teacher was describing. She must have done a good job, though, because Ryan understood and decided to help people get clean water. He was just a kid, so he didn’t think much about how big the problem was. He didn’t worry about complications, either. He didn’t need a laboratory with test tubes. He didn’t need a special gadget with knobs and levers. He didn’t need to experiment to figure anything out. Ryan simply got to work earning money doing household chores.

Ryan realized that a new invention was not needed to get clean water to more people. The technology for delivering clean water was already available. People simply needed more wells. Ryan didn’t have any idea what it cost to drill a new well, but in four months he raised $70. It must have seemed like a lot of money to a six-year-old, so he contacted a nonprofit agency called WaterCan. The people there told Ryan that drilling a well would cost not $70 but $2,000. Fortunately, Ryan was not discouraged. He continued to do extra chores and expanded his fundraising efforts until he had $2,000. In 1999, he sent the money to WaterCan. As a direct result of his efforts, a new well was drilled near a grade school in Uganda.

Ryan’s influence did not stop with one well, however. He continues to work hard on the problem. This young man makes more than an occasional effort to raise awareness, inspire action, and bring clean water to people. Because he has inspired others, Ryan’s $2,000 has grown to $1,000,000, and 319 wells have been drilled in 14 countries. Now there’s even a nonprofit foundation called Ryan’s Well Foundation. Ryan Hreljac’s ability to imagine, take action, and inspire has changed the world. He has shown us that each individual can make an enormous difference in the lives of others.

* [hûr' jak]
Lesson 10 Vocabulary

Young Thomas Edison

Part of Speech

1. _______ invention - an original device, system, or process

2. _______ experiment - a test to find out or prove something

3. _______ laboratory - a room or building holding special equipment for doing scientific tests, research, and experiments

4. _______ genius - extraordinary intellectual power

5. _______ gadget - a small, mechanical device

6. _______ electric - produced by electricity

7. _______ signal - a sign, gesture, or device that gives a command, a warning, or other information

8. _______ occasional - happening or encountered from time to time

Vocabulary in Context

- Study each Context Card.
- Ask a question that uses one of the Vocabulary words.

1. invention
   The light bulb was an invention that helped people do things at night.

2. experiment
   First, an inventor must perform an experiment to test an idea.

3. gadget
   A small gadget with many parts, such as a watch, can be hard to repair.

4. electric
   The invention of the electric fan helps us stay cool in hot weather.

5. laboratory
   Scientists may test their ideas in a laboratory, using special equipment.

6. genius
   Although Einstein acted silly, he was known for his great mind, or genius.

7. signal
   Red light is a signal to stop. This invention helps to save lives.

8. occasional
   A good invention has an occasional problem but should not fail regularly.
Write Words with **au**, **aw**, **al**, and **o**

Read each sentence and choose an answer from the box. Write the word. Then read the sentence aloud.

<table>
<thead>
<tr>
<th>tablecloth</th>
<th>yawning</th>
<th>offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>sauce</td>
<td>faucet</td>
<td>bossy</td>
</tr>
<tr>
<td>false</td>
<td>awesome</td>
<td>mall</td>
</tr>
</tbody>
</table>

1. To save water, be sure to fix a leaky ___________ as soon as possible.

2. We went shopping at the ___________ and had lunch at the Food Court.

3. My ___________ cousin Cindy makes her brothers do everything her way.

4. Pete had homemade yogurt with raspberry ___________ on top.

5. On our test, we had to tell whether each statement was true or ___________.

6. The desert sunset was an ___________ sight!

7. Coach Simms ___________ to help me work on my pitch.

8. The gravy spilled and stained our best ___________.

9. Are the girls ___________ because they are tired or because they are bored?
Shades of Meaning

A Surprising Experiment

Brittany, Mario, and Andrew took their seats at the lab table.

"Brrr," Mario said. "It's cold in here."

"Cold? It's freezing," Brittany said.

Brittany examined the colored powders, while Mario glanced at the beakers and cylinders.

"What are we doing today?" Andrew asked.

"We are making something today," Mrs. Adams said.

Andrew and Mario were excited about the experiment, but Brittany was exhilarated! She wanted to be a scientist one day.

The students measured, mixed, and stirred. After a while, they had a thick substance. "Form this into a ball," Mrs. Adams said. "Then test to see if it bounces."

The students weren't worried. They had been careful with the directions. But had they been precise enough?

The group took turns bouncing their ball. It worked!
Shades of Meaning

For each set of related words, write them in order on the arrows to show the shades of meanings of the words. If necessary, look up unfamiliar words in a dictionary before completing the arrows.

1. believe, suspect, think

2. happy, elated, content

3. angry, upset, furious, annoyed

4. scorching, hot, warm

5. glance, look, glare, stare

6. excited, exhilarated, enthusiastic
Idea-Support Map: Main Ideas and Details

Main Idea
Thomas loved to experiment.

Detail
He turned his family’s cellar into a complete laboratory for his experiments when he was nine years old.

Detail
Young Thomas Edison

A Tour of the Thomas Edison Museum

Welcome to the Thomas Edison Museum! I am a tour guide for the museum. Help me take our visitors on a tour. We will explore Thomas Edison's early life by looking at some objects.

Read page 362.

This is a bottle from Thomas Edison's childhood. Why is it here in the museum?

_____________________________________________________________________

_____________________________________________________________________

_____________________________________________________________________

Read page 366.

Here you can see an old newspaper from when Thomas Edison was twelve years old. Why is it here in the museum?

_____________________________________________________________________

_____________________________________________________________________

_____________________________________________________________________
Read page 372.

Here is a photograph of an old locomotive. Why is it in the Thomas Edison museum?

Read page 376.

Here is the last letter Thomas Edison received from his mother in 1869. Why is it here?

Read pages 379–381.

Now if you step into the final room of the museum, you will see all of Thomas Edison's famous inventions! Why was he known as "The Wizard"?

Thank you for taking a tour of the Thomas Edison Museum. It has been my pleasure to be your guide!
Cumulative Review

Write words from the box to complete the sentences.

cause  walkie-talkies  squawked
officer  foggy  already
paws  fault  flossing

1. My friend and I used ____________ to communicate.
2. Brushing and ____________ keep teeth healthy.
3. The chicken ____________ loudly and flapped its wings.
4. The police ____________ directed traffic when the lights were not working.
5. Dr. Ross finally figured out the ____________ of the baby's fever.
6. When Tasha arrived, the game had ____________ started.
7. It was so ____________ that I could barely see my neighbor's house.
8. It was my ____________ that the library book got torn.
9. The kitten is all black except for its four white ____________.
VOCABULARY FOR YOUNG THOMAS EDISON

Name ______________ Date _______

Write the vocabulary word that matches the definition.

1. ______________ a test to find out or prove something

2. ______________ extraordinary intellectual power, especially seen in creative ability

3. ______________ an original device, system, or process

4. ______________ a room holding special equipment for doing scientific experiments

5. ______________ a sign, gesture, or device that gives a command or a warning

6. ______________ produced by electricity

7. ______________ happening or encountered from time to time

8. ______________ a small mechanical device

signal gadget laboratory invention

occasional electric genius experiment

© 2013 Amber Kotzin
http://www.teacherspayteachers.com/Store/Amber-Kotzin
Put the vocabulary words in alphabetical order.

signal   gadget   laboratory   invention

occasional   electric   genius   experiment

1. ________________________
2. ________________________
3. ________________________
4. ________________________
5. ________________________
6. ________________________
7. ________________________
8. ________________________