You are missed! If you have Ms. Asano for your Read 180 class please add her on your remind app by texting @lasano to 81010. Ms. Asano’s google classroom code is 4dbcpxe. Dr. Hall’s and Mr. Matassa information will be sent out at a later date.

Directions:

Complete **three (3) 20 minute sessions** online on the Read180 or System44 student application for a total of 60 minutes.

-OR-

Read the attached passage and complete **three (3)** of the following assignments on a separate sheet of paper.

<table>
<thead>
<tr>
<th><strong>Objective Summary</strong></th>
<th><strong>3-2-1</strong> 3-identify 3 important information from text 2-identify 2 new things you have learned from the text 1- question you have</th>
<th><strong>Vocabulary</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Write an objective summary of the text using the 5Ws strategy. Your summary should be at least [ ] sentences long. Check your writing for correct capitalization and punctuation.</td>
<td></td>
<td>Choose 4 challenging or interesting words from the text. Look up the definitions and write it down, then use the word in an original sentence.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Attached Questions</strong></th>
<th><strong>Creative Writing</strong></th>
<th><strong>Make Your Own Questions</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Answer the questions with the reading passage.</td>
<td>Write a creative story using the information that you have learned from the text. Be sure to include important details from the original text.</td>
<td>Write 4 original questions regarding the passage. Write down the answers to the question to demonstrate your knowledge.</td>
</tr>
</tbody>
</table>
Blog Post

Optical Illusions: Why Our Eyes Play Tricks on Our Minds

by Leah Tierney

1 Is seeing really believing? Our eyes have a habit of tricking us. For centuries, people have been fascinated with optical illusions. Optical illusions are fun to look at. They challenge us to see things in new ways. They also reveal a lot about the tricks that our own minds play on us.

2 Research on optical illusions highlights one major point. Our visual system can’t accurately process all of the information that our eyes take in. It works on the basis of the most likely interpretation. Sometimes, the brain is wrong. Then an optical illusion occurs.

3 Here are some well-known optical illusions.

4 The Hermann grid illusion was first reported by German physiologist Ludimar Hermann in 1870. Look at the image. You’ll notice that dark dots quickly appear and disappear at the intersections between the lines. Look directly at an intersection. The dot seems to vanish.

5 The explanation behind this illusion has been debated for years. Many claim it’s the result of “lateral inhibition.” That’s the complex way the eyes respond to black and white.
Optical Illusions: Why Our Eyes Play Tricks on Our Minds (Continued)

6 The idea of the impossible triangle is based on a drawing created by physicist Roger Penrose in 1954. View the image. You will flip back and forth between the equally possible perspectives of the object. But considered together, they couldn’t exist. Try to trace a line around the triangle. You would have to trace it around three times. Only then would you come back to where you started.

7 Our eyes and brain are fooled. They assume that all the corners of the triangle are at the same distance from us. This leads us to perceive an impossible 3-D object.

8 Motion illusions rely on rapid movements. Our eyes make these movements as we view something. Want to experience them? Gently place your finger on your eyelid. Look around. You should feel your eye making dart-like movements. It’s as though your eye were taking a series of snapshots.

9 Our brain processes these movements smoothly. But sometimes the movements can fool us. We think the objects are moving. The rotating snakes illusion does that. The image is full of contrasting shapes and colors. It switches on our motion sensors. That tricks our mind.
Optical Illusions: Why Our Eyes Play Tricks on Our Minds

Close Reading

1. Key Idea

What does a motion illustration rely on to work as an optical illusion?

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________________________________________________________________________
________________________________________________________________________
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2. Central Idea and Details

How can optical illusions fool our eyes and brain? Describe at least two ways.

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Optical Illusions (Continued)

3. Vocabulary

What is the meaning of interpretation in paragraph 2? What happens when the brain’s interpretation of visual information is wrong?

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4. React and Write

Which optical illusion did you find the most effective? Why?

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