

Gulf Avenue Elementary School

March 13, 2020

Dear Parents and Guardians of 4th Grade Student,

In light of the potential threat of the COVID 19 (coronavirus), we the GULF Avenue STEAM and Magnet center 4th grade teachers have prepared a 10 day Home Study Agenda to be completed at home in the event of an emergency. Below you will find the assignments.

13 de marzo de 2020

Estimados padres y tutores de estudiantes de 4 grado,

A la luz de la amenaza potencial del COVID 19 (coronavirus), los maestros del cuarto grado de GULF Avenue STEAM y Magnet Center, hemos preparado una Agenda de 10 días de estudio para que el alumno completar en casa en el evento de una emergencia. A continuación, encontrará las tareas.

Monday	Tuesday	Wednesday	Thursday	Friday
<p>Math: Math: My Math Book Vol.1 Chapter 1 Lesson 1-4 Problem Solving Section for each lesson and Apply Strategies and Review Strategies.</p> <p>Language Arts: Read Power Restores in India p 4-5. Complete Worksheet 1 & 2</p> <p>Online reading Program: 20 minutes of Achieve & Amplified</p>	<p>Math: My Math Book Vol.1 Chapter 1 Lesson 5-6 Problem Solving Section for each lesson and Apply Strategies and Review Strategies.</p> <p>Language Arts: Read Benjamin Franklin p.6-10 Complete Worksheet 3 & 5</p> <p>Online reading Program: 20 minutes of Readworks.org</p>	<p>Math: My Math Book Vol.1 Chapter 3 Lesson 1-4 Problem Solving Section for each lesson and Apply Strategies and Review Strategies.</p> <p>Language Arts: Complete Worksheet 6 & 6 Also, do Research & Writing (Opinion) on pg 11</p> <p>Online reading Program: 20 minutes of Readtheory.org</p>	<p>Math My Math Book Vol.1 Chapter 3 Lesson 5-8 Problem Solving Section for each lesson and Apply Strategies and Review Strategies.</p> <p>Language Arts: Read The Power of Electricity p.12-15 Complete worksheet 7</p> <p>Online reading Program: 20 minutes of Dreambox</p>	<p>Math My Math Book Vol.1 Chapter 6 lessons 1-6 Problem Solving Section for each lesson and Apply Strategies and Review Strategies.</p> <p>Language Arts: Read The Power of Electricity p.16-20 Complete worksheet 8 & 9</p> <p>Online reading Program: 20 minutes of Spashlearn.com or Khan Academy</p>
Monday	Tuesday	Wednesday	Thursday	Friday
<p>Math: My Math Book Vol.1 Chapter 6 Lessons 1-6 Problem Solving Section for each lesson and Apply Strategies and Review Strategies.</p> <p>Language Arts:</p>	<p>Math: My Math Book Vol.1 Chapter 6 Lessons 7-11 Problem Solving Section for each lesson and Apply Strategies and Review Strategies.</p> <p>Language Arts:</p>	<p>Math: My Math Book Vol.1 Chapter 8 Lessons 3-7 Problem Solving Section for each lesson and Apply Strategies and Review Strategies.</p> <p>Language Arts:</p>	<p>Math: My Math Book Vol.1 Chapter 8 Lessons 8-10 Problem Solving Section for each lesson and Apply Strategies and Review Strategies.</p> <p>Language Arts:</p>	<p>Math My Math Book Vol.1 Chapter 10 Lessons 1-5 Problem Solving Section for each lesson and Apply Strategies and Review Strategies.</p> <p>Language Arts:</p>

<p>Re-read 15 & 17-20 of the Power of Electricity. Complete worksheet 10-11</p> <p>Also, do Research & Writing (Opinion) on pg 21</p> <p>Online reading Program: 20 minutes of Achieve & Amplified</p>	<p>Read Nikola Tesla p. 22-25 Complete Worksheet 13 & 15</p> <p>Online reading Program: 20 minutes of Readworks.org</p>	<p>Read Nikola Tesal p.26-30 Complete worksheet 14 & 16</p> <p>Online reading Program: 20 minutes of Readtheory.org</p>	<p>Reread paragraph 6 & 9-13. Complete worksheets 16& 17</p> <p>Online reading Program: 20 minutes of Dreambox</p>	<p>Complete Build reflect Write p. 31 Also, do Research & Writing (Opinion) on p. 31</p> <p>Online reading Program: 20 minutes of Spashlearn.com or Khan Academy</p>
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Student visit Gulf's Technology Lab-Home at www.compbk.bxb.com to additional educational links.

Name: _____

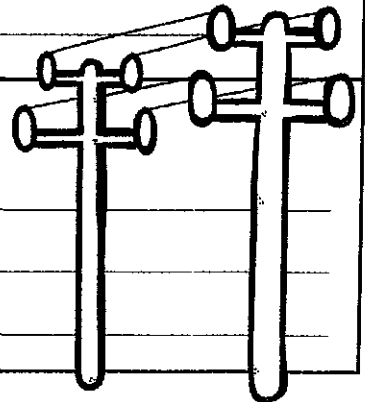


CLOSE READING PURPOSE:

Read "Power Restored in India" and annotate key details that tell about the power outage. Then, complete the chart with the key details and a summary.

KEY DETAILS (INCLUDE THE PARAGRAPH #):

SUMMARY:



Read this sentence from paragraph 3.



"The failure of three national power grids plunged half the country into darkness."

APPLY IT!

The author uses the word "plunged" to emphasize the idea that -

- A. the power outage was quick and unexpected.
- B. the power outage blocked many people from seeing anything.
- C. the outage occurred over time.
- D. the outage did not have a great effect on people.



CLOSE READING PURPOSE:

An objective point of view is when the writer tells what happens without describing any character's thoughts, opinions, or feelings. Newspaper articles and scientific texts are examples of writings written from an objective point of view. Read paragraph 5 of "Power Restored in India" and analyze the point of view. Are there any examples of opinion or belief?

<input type="radio"/>	Opinion/Belief #1:
	What is the supporting information?
<input type="radio"/>	How is this an example of an objective point of view?
	Opinion/Belief #2:
	What is the supporting information?
	How is this an example of an objective point of view?

Which of the following is a belief that is expressed in an objective way?



APPLY IT!

- A. "The grids were unable to produce the amount of energy that residents were using."
- B. "The exact cause of the grid failures is unknown."
- C. "Officials believe that the outage was due to areas consuming too much energy..."
- D. "India is the world's second-most populous nation."

Name: _____



CLOSE READING PURPOSE:

Read "Benjamin Franklin: The Dawn of Electrical Technology" and annotate key details. Then, complete the chart with key details and the main idea from paragraph 11.

KEY DETAILS (INCLUDE THE PARAGRAPH #):

MAIN IDEA:

This question has two parts. First answer Part A, then Part B.

Part A: What is the main idea of this text?

- A. Lightning is a natural form of electricity, not magic.
- B. Franklin was a man who loved kites.
- C. Benjamin Franklin made a huge impact on the forming of the United States of America.
- D. Franklin was a man of many different accomplishments.

Part B: Which sentence from the passage best supports the main idea from Part A?

- A. "One of Franklin's ideas changed the course of scientific history."
- B. "Many people at the time believed lightning was a form of magic."
- C. "He was one of our country's founding fathers..."
- D. "...Franklin tied a metal key to a kite and went out to test his hypothesis."



APPLY IT!

Name: _____



CLOSE READING PURPOSE:

Review "Benjamin Franklin: The Dawn of Electrical Technology" and look for the points the author makes and the reasons or evidence they provide to support their points. Then, complete the chart.

AUTHOR'S POINT	REASONS/EVIDENCE	HOW IT SUPPORTS THE POINT
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APPLY IT!

Which detail from the text uses a firsthand account?

- A. "Franklin also shared his work and techniques with others."
- B. "...As soon as any of the thunder clouds came over the kite, the pointed wire will draw the electric fire from them..."
- C. "The kite being raised...he observed some loose threads of the hempen string to stand erect..."
- D. "1800: First electric battery invented by Alessandro Volta."

**CLOSE READING PURPOSE:**

After reading "Power Restored in India" and "Benjamin Franklin: The Dawn of Electrical Technology," compare and contrast the following categories.

"POWER RESTORED IN INDIA"	CATEGORIES TO COMPARE	"BENJAMIN FRANKLIN: THE DAWN OF ELECTRICAL TECHNOLOGY"
	TOPIC	
	PURPOSE	
	POINT OF VIEW	
	TYPE OF FACTS	
	QUOTATIONS	
	VOCABULARY	

**APPLY IT!**

Based on the two texts, what would Benjamin Franklin probably think of the electricity usage in India?

- He would be amazed at the advancements made in the study of electricity.
- He would be upset with the citizens of India because of their dependence on electricity.
- He would want there to be a decrease in overall consumption of electricity.
- He would have no opinion because he helped to form the United States, not India.



CLOSE READING PURPOSE:

This week, you read two texts about electricity. Use the chart to integrate information from "Power Restored in India" and "Benjamin Franklin: The Dawn of Electrical Technology."

"Power Restored in India"

What can we learn from these two texts?

"Benjamin Franklin: The Dawn of Electrical Technology"



Based on the two texts, what would Benjamin Franklin probably think of the electricity usage in India?

APPLY IT!

- A. He would be amazed at the advancements made in the study of electricity.
- B. He would be upset with the citizens of India because of their dependence on electricity.
- C. He would want there to be a decrease in overall consumption of electricity.
- D. He would have no opinion because he helped to form the United States, not India.

Name: _____



CLOSE READING PURPOSE:

Read pages 12-15 of "The Power of Electricity."
Annotate key details and then determine the main idea of each section.

KEY DETAILS

MAIN IDEAS

Introduction

"Electrons on the Move"

"Electrical Currents"



This paragraph includes several details from "The Power of Electricity."
Underline the sentence that states the key idea of this paragraph.

APPLY IT!

"Imagine a world without electricity. This world would have no light switches and no lights. In today's world, most people depend on electricity and technology to live and work. They use it to communicate. They even rely on electricity for entertainment."

Name: _____



CLOSE READING PURPOSE:

Read pages 16-19 of "The Power of Electricity."

Annotate key details and then determine the main idea of each section.

	KEY DETAILS	MAIN IDEAS
"Generating Electricity"	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
"Blackouts"	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
"Conserving Energy for the Future"	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>



APPLY IT!

Which of the following states a key idea of the section "Conserving Energy for the Future"?

- A. "...(NASA) has plans to launch a series of mirrors into space to collect energy from the sun and redirect it to Earth."
- B. Scientists must "improve the technologies that deliver electricity."
- C. "Engineer and inventor Yasuyuki Fujimura hopes people will soon avoid the use of electricity."
- D. Renewable energy, like wind and solar power, is the best solution.



CLOSE READING PURPOSE:

Use context clues to determine the meanings of the following words from "The Power of Electricity."

WORD	CONTEXT CLUES	MY DEFINITION	DICTIONARY DEFINITION
stationary paragraph: 5		_____ _____ _____ _____	_____ _____ _____ _____
malfunctions paragraph: 14		_____ _____ _____ _____	_____ _____ _____ _____
obstructed paragraph: 14		_____ _____ _____ _____	_____ _____ _____ _____

This question has two parts. First answer Part A, then Part B.



APPLY IT!

Part A: What is the meaning of the word faulty in paragraph 15?

- A. fallen
- B. malfunctioned or broken
- C. underdeveloped
- D. old

Part B: Which two phrases in paragraph 15 give the best clues to the meaning of the word?

- A. "the problem was caused by"
- B. "like falling dominoes"
- C. "large area"
- D. "stopped working"

Name: _____

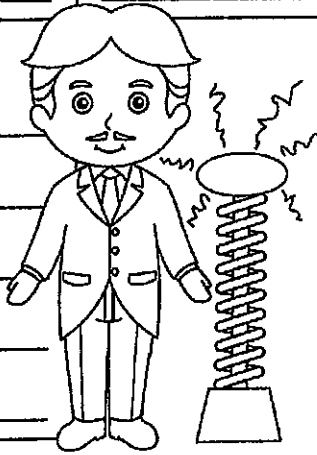
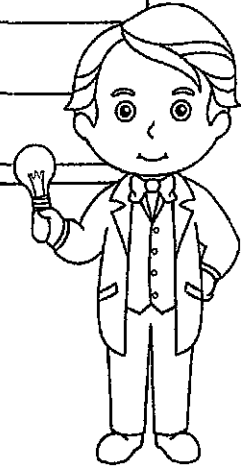


CLOSE READING PURPOSE:

Reread the timeline on page 15 of "The Power of Electricity." How did each of these scientists contribute to the study of electricity? How was their work important?



<p>Benjamin Franklin</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<p>Alessandro Volta</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
<p>Michael Faraday</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<p>Thomas Edison</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
<p>Nikola Tesla</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	



APPLY IT!

Which two scientists had ideas that were competing against each other?

- A. Franklin and Volta
- B. Faraday and Volta
- C. Franklin and Edison
- D. Edison and Tesla

Name: _____



CLOSE READING PURPOSE:

Reread paragraphs 17-20 of "The Power of Electricity." Does the author have an objective or subjective point of view? What key phrases help reveal the point of view?

Opinion or Belief:

SOURCE: _____

HOW DOES THIS SUPPORT AN OBJECTIVE POV?

Opinion or Belief:

SOURCE: _____

HOW DOES THIS SUPPORT AN OBJECTIVE POV?

Which sentence gives evidence that shows the author presenting people's belief in an objective way?



APPLY IT!

- A. "People rely on electricity for light and heat."
- B. "Most people think of it as the 'power' that they use to run all of their appliances."
- C. "All matter - everything in the universe - is made of tiny building blocks called atoms."
- D. "Imagine a world without electricity."

Name: _____



CLOSE READING PURPOSE:

Review paragraphs 1-4 of "Power Restored in India." Then, review paragraphs 13-15 of "The Power of Electricity." Using what you learned from these two texts, what can you conclude about people's energy consumption?

"POWER RESTORED IN INDIA"	"THE POWER OF ELECTRICITY"
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>

I CAN CONCLUDE THAT...



APPLY IT!

You read "Power Restored in India" and "The Power of Electricity." What conclusion about electricity can be drawn from both passages?

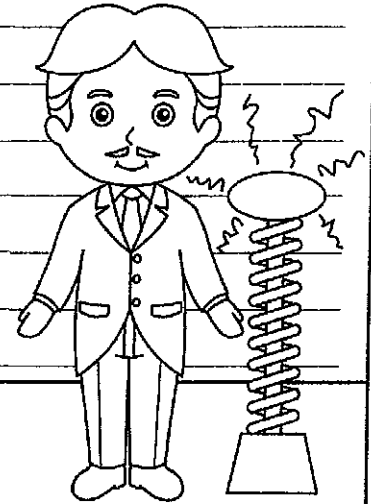
- A. People lived without electricity in the past and can do it again if they have to.
- B. Electricity can be dangerous if too many people use it at the same time.
- C. People's lives are so dependent on electricity that if it goes away, there are serious consequences.
- D. People probably wish that electricity was never invented and that only renewable forms of energy were being used.



CLOSE READING PURPOSE:

After reading paragraphs 1-8 of "Nikola Tesla: Electrifying Inventor," annotate the key details. Why was Nikola Tesla considered "a visionary and one of the most brilliant scientists who ever lived?" List the key details and write a summary.

KEY DETAILS (INCLUDE THE PARAGRAPH #):



SUMMARY:

This question has two parts. First answer Part A, then Part B.



Part A: What is the main idea of paragraph 3?

Part B: Which sentence supports the main idea from Part A?

APPLY IT!

- A. Edison and Tesla had different motivations and were often competing with each other.
- B. Inventions that don't sell are not useful.
- C. Tesla loved science experiments.
- D. Tesla and Edison were friends.

- A. "He was always thinking of ways to make money from his inventions."
- B. "Its sale is proof of utility, and utility is success."
- C. "The two were different as night and day."
- D. "When Tesla did earn money from his inventions, he spent [it] on more experiments..."

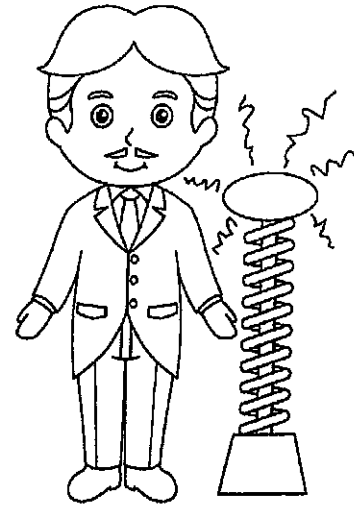


CLOSE READING PURPOSE:

Reread paragraphs 1-2 of "Nikola Tesla: Electrifying Inventor" and look for words that the author uses to describe Tesla. Then, complete the four-corners charts for the words "visionary" and "revolutionary."

Meaning of the Word:	Facts & Characteristics:
Examples:	Non-examples:

VISIONARY



VOLT

Meaning of the Word:	Facts & Characteristics:
Examples:	Non-examples:

REVOLUTIONARY

CIRCUIT

ELECTRICITY

What does the phrase late-bloomer mean as it is used in paragraph 7?

- A. A flower that does not bloom until the summertime
- B. "Better late than never."
- C. To not discover a passion until later
- D. To be late to things



APPLY IT!

Name: _____



CLOSE READING PURPOSE:

Reread paragraph 6 and the quote from "Nikola Tesla: Electrifying Inventor." What can you infer about Nikola Tesla? What kind of a person was he?

"I DON'T CARE THAT THEY STOLE MY IDEA...
I CARE THAT THEY DON'T HAVE ANY OF THEIR OWN."

- Nikola Tesla

What can you infer about Nikola Tesla?

Prove it with text evidence!

Annotate text evidence that supports your inference.
Then, lift the evidence from the text and write it below.

In paragraph 8, it says that "Edison offered Tesla \$50,000 if he could improve the way energy was transmitted." After Tesla worked to find improvements, Edison told him that he was only joking about the payment. What does this tell you about Thomas Edison?

- A. He did not have a lot of money.
- B. He did not value Tesla's work.
- C. He was a man who was always playing pranks.
- D. He was untrustworthy.



APPLY IT!



CLOSE READING PURPOSE:

Read paragraphs 9-13 from "Nikola Tesla: Electrifying Inventor."

What did Nikola Tesla and Thomas Edison do that showed how competitive they were against each other?

"Now Edison and Tesla were engaged in a battle of science—the war of the currents." (Paragraph 9)

What points does the author make?

What is the supporting evidence that the author gives?



Choose a statement from the text that supports the point that "there is a movement to restore Tesla to the prominent place he deserves for his work in science." (Paragraph 16)

APPLY IT!

- A. "In 1891, Tesla invented the Tesla coil."
- B. "The California-based electric car company, Tesla Motors, is named after him."
- C. "Tesla had created the first hydroelectric project."
- D. "In later years, Tesla had fewer successful inventions."