

## 8TH GRADE UNIT 9 SCIENCE READING AND WRITING WORKHEET

### Thomas Edison

Thomas Alva Edison lit up the world with his invention of the electric light. Without him, the world might still be a dark place. However, the electric light was not his only invention. He also invented the phonograph, the motion picture camera, and over 1,200 other things. About every two weeks Edison created something new. Thomas A. Edison was born in Milan, Ohio, on February 11, 1847. His family moved to Port Huron, Michigan, when he was seven years old. Surprisingly, he attended school for only two months. His mother, a former teacher, taught him a few things, but Edison was mostly self-educated. His natural curiosity led him to start experimenting at a young age with electrical and mechanical items at home. When he was 12 years old, he got his first job. He became a newsboy on a train that ran between Port Huron and Detroit. He set up a laboratory in a baggage car of the train so that he could continue his experiments in his spare time. Unfortunately, Edison's first job did not end well. He was fired when he accidentally set fire to the floor of the baggage car. Edison then worked for five years as a telegraph operator, but he continued to spend much of his time on the job conducting experiments. He got his first patent in 1868 for a vote recorder run by electricity. However, the vote recorder was not a success. In 1870, he sold another invention, a stockticker, for \$40,000. A stock-ticker is a machine that automatically prints stock prices on a tape. He was then able to build his first shop in Newark, New Jersey. Thomas Edison was totally deaf in one ear and hard of hearing in the other, but thought of his deafness as a blessing in many ways. It kept conversations short, so that he could have more time for work. He called himself a "two-shift man" because he worked 16 out of every 24 hours. Sometimes he worked so intensely that his wife had to remind him to sleep and eat. Thomas Edison died at the age of 84 on October 18, 1931, at his estate in West Orange, New Jersey. He left numerous inventions that improved the quality of life all over the world.

#### A) Circle the correct option.

##### 1) Invention:

- a) Imagination
- b) Construction
- c) Innovation

##### 2) Curiosity:

- a) Interest
- b) Diversity
- c) Creation

##### 3) Experiments:

- a) Developments
- b) Tests
- c) Events

##### 4) Unfortunately:

- a) Unluckily
- b) Unusually
- c) Lately

##### 5) Blessing:

- a) Greeting
- b) Meaning
- c) Protection

##### 6) Numerous:

- a) Various
- b) Many
- c) Glorious

**B) Read the text and mark the sentences below as True or False.**

- 1- Without Thomas Edison, the world might still be a dark place.
- 2- He invented over 2400 things.
- 3- About every two weeks Edison created something new.
- 4- When he was 13, he became a newsboy on a train that ran between Port Huron and Detroit.
- 5- He got his first patent in 1878.
- 6- Thomas Edison died at the age of 84.

**C) Read the text again and answer the questions below.**

1- Where was Thomas Edison born?

\_\_\_\_\_

2- How old was he when he got his first job?

\_\_\_\_\_

3- Why did his first job end badly?

\_\_\_\_\_

4- What is a stock-ticker?

\_\_\_\_\_

5- Why did he call himself as “a tho-shift man”?

\_\_\_\_\_

6- What was the most important quality of his numerous inventions?

\_\_\_\_\_

**D) Match the questions with the answers.**

1. Who hasn't got a washing machine at home?

A.No,they don't.

2. When did the Russians test the first satellite?

B.Cristopher Columbus.

3. Who discovered America?

C.The movements of electrons produces a form of energy.

4. What did Isaac Newton discover?

D.Felix Hofman.

5. What is electricity?

E.The nucleus is the centre of an Atom.

6. What is the centre of an Atom?

F.Yes,we do.

7. Do you study plants on biology classes?

G.My mother.

8. Who invented the Aspirin?

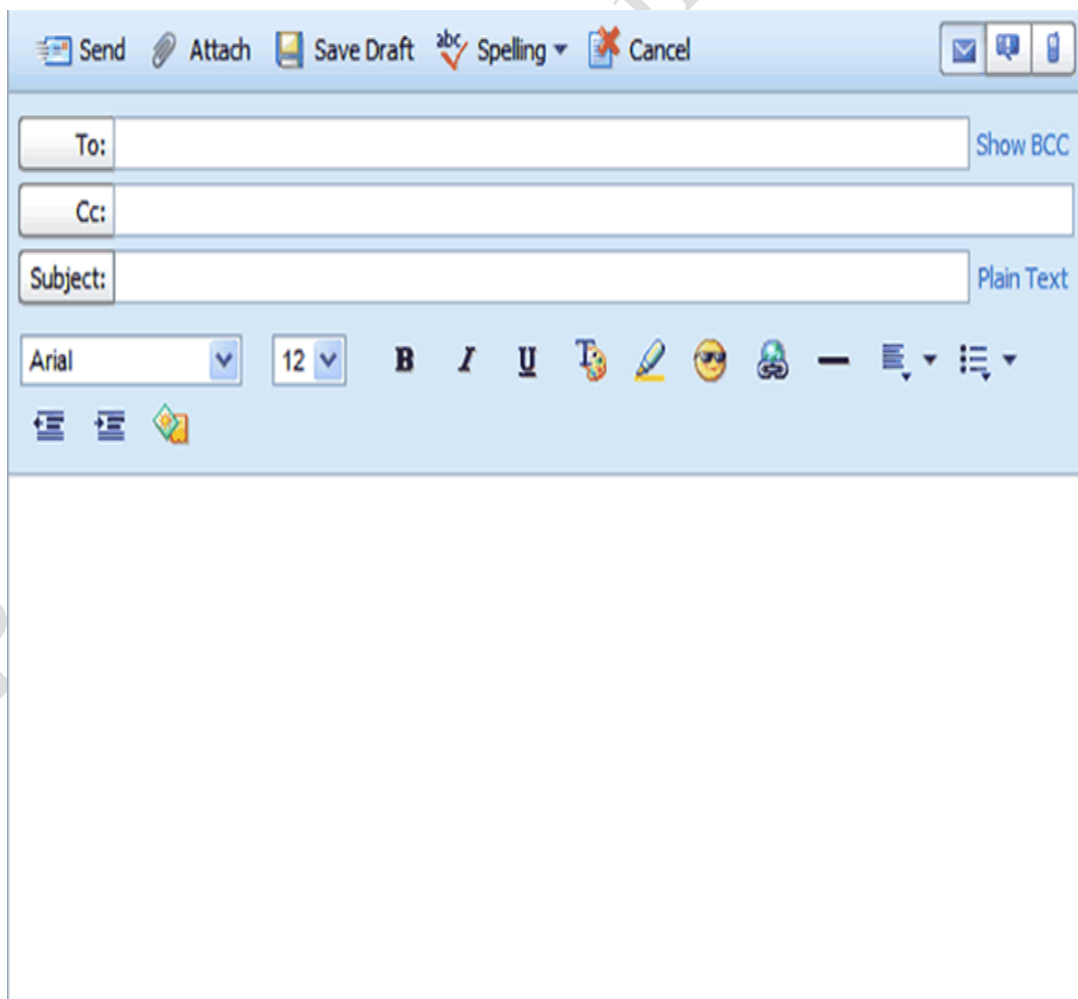
H.In 1957.

I.Gravity.

E) Write a dialogue about the inventors and their inventions then act it out.

A: \_\_\_\_\_  
B: \_\_\_\_\_  
A: \_\_\_\_\_  
B: \_\_\_\_\_  
A: \_\_\_\_\_  
B: \_\_\_\_\_  
A: \_\_\_\_\_  
B: \_\_\_\_\_  
A: \_\_\_\_\_  
B: \_\_\_\_\_  
A: \_\_\_\_\_

F) Write an e-mail to your favourite inventor about his/her inventions by using all the words you have learnt in the 9<sup>th</sup> Unit.



The image shows a screenshot of an email composition window. At the top, there is a toolbar with icons for Send, Attach, Save Draft, Spelling, and Cancel. Below this are three input fields: 'To:', 'Cc:', and 'Subject:'. The 'Subject:' field has a 'Plain Text' label on the right. Below the fields is a rich text editor toolbar with options for font (Arial), font size (12), bold (B), italic (I), underline (U), text color, background color, link, unlink, bulleted list, numbered list, indent, and outdent. The main body of the email is a large empty text area.