

The Young Scientists Series — Book 9: The Inventor's Spark

List of Resources

1. Fun with Words!
2. Understanding What We Read
3. Responding to Text
4. Close Reading Skills
5. Answer Key

Internet Resources

- Karl Benz
<https://www.youtube.com/watch?v=EvZYh7epfyU>
- Garrett Morgan
<https://www.youtube.com/watch?v=SdQr8B9aAtQ>
- Gregorio Zara
<https://www.youtube.com/watch?v=z5rApj0Hv5M>

1. Fun with Words

This is a word search puzzle which highlights the different vocabulary in this book.

2. Reading for Understanding (The Man in the Burning House)

This activity is set based on the latest comprehension format. It serves as a practice for their comprehension open-ended skills.

3. Responding to Text I

Students will write a thank you note to John Walker from the story "The Failed Doctor Who Sparked an Idea".

4. Responding to Text

Refer to the text "The Woman to Thank if You Like Chocolate". Students are to share what they would be if they were able to start working now.

5. Close Reading Skills

In this exercise, students will practice their close reading skills. You may want to encourage them to look for contextual clues in the text.

Word Search

B K W O M U R V R C U P Q E J
V P W A P V K L N E U R O P E
H N L T N L A O J J H R S Q A
Y J H U M W Z P E B N H P X H
N H M J B M P H S W H C J C Q
A M E R I C A I S V A C P E Q
M T H J B O F L V Y E H Y T U
R E I D E W W I I V T H G L T
E Q W N I U A P Y I Q Y M J Q
G K T A A A G P B B K V U F F
K O I L X A Y I H M M J H I L
D M G G R T Q N S F D T U O M
V R P N F C L E Y E T V T C K
F J C E V E E S D S B P X P J
J J Q W D G C A R J V Y A V P

GERMANY
ENGLAND
PHILIPPINES
EUROPE
AMERICA

Fun with Words!

In this activity read the story "The Man in the Burning House" and answer the following questions.

1. What were Garrett's parents when he was born? [1m]

2. Which word in the story (page 17) has the same meaning as "not simple"?

3. Based on the story, state whether each statement in the table below is **true** or **false**, then, give a reason why you think so. [2m]

| Sentence | True/False | Reason |
|--|------------|--------|
| i) Garrett did not work as a repairman of sewing machines. | | |
| ii) Garrett's invention saved people from burning buildings. | | |

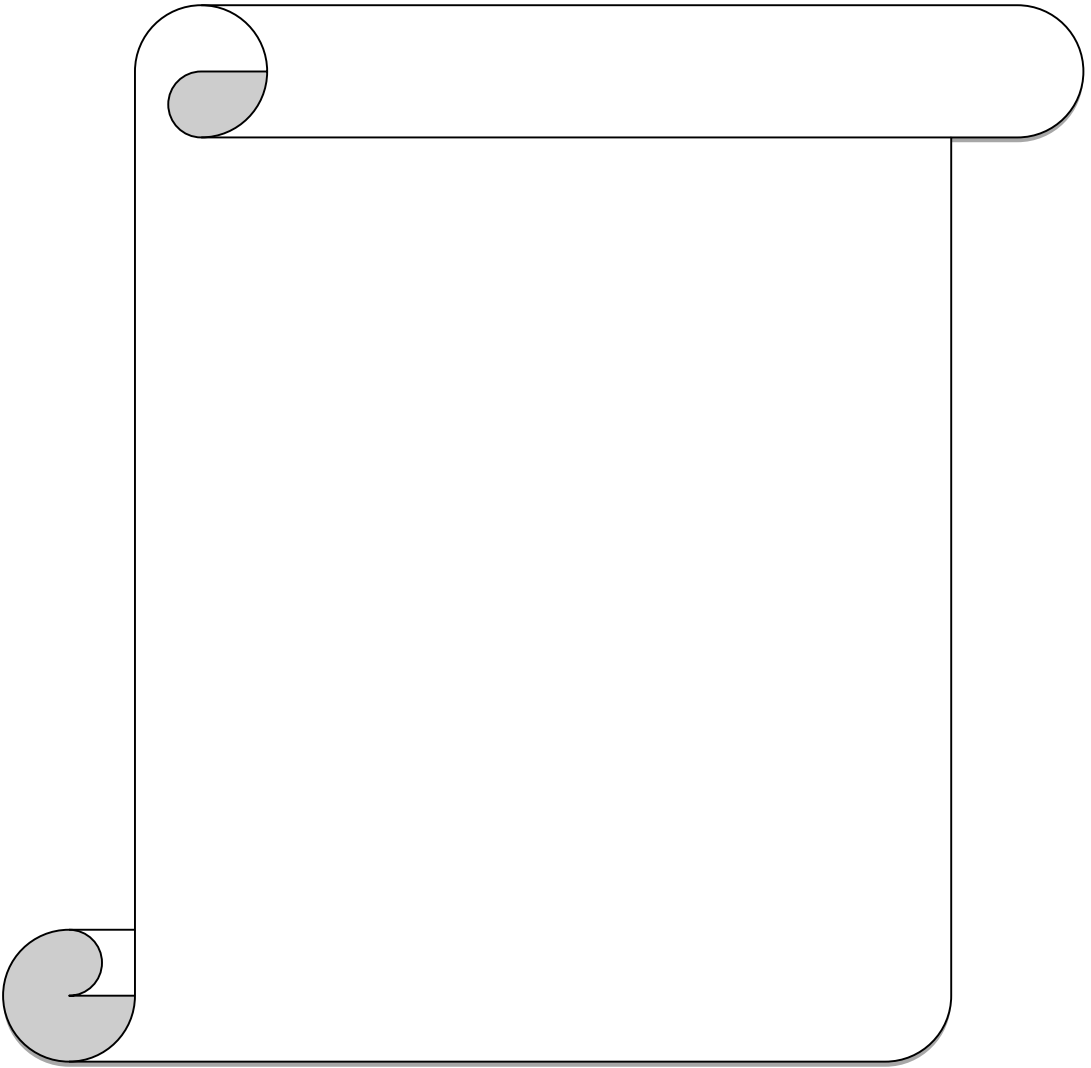
4. Garrett noticed that people died in house fires because they_____.

- (a) inhaled smoke
- (b) were wore masks
- (c) were burnt to death use
- (d) could not move around in the house ()

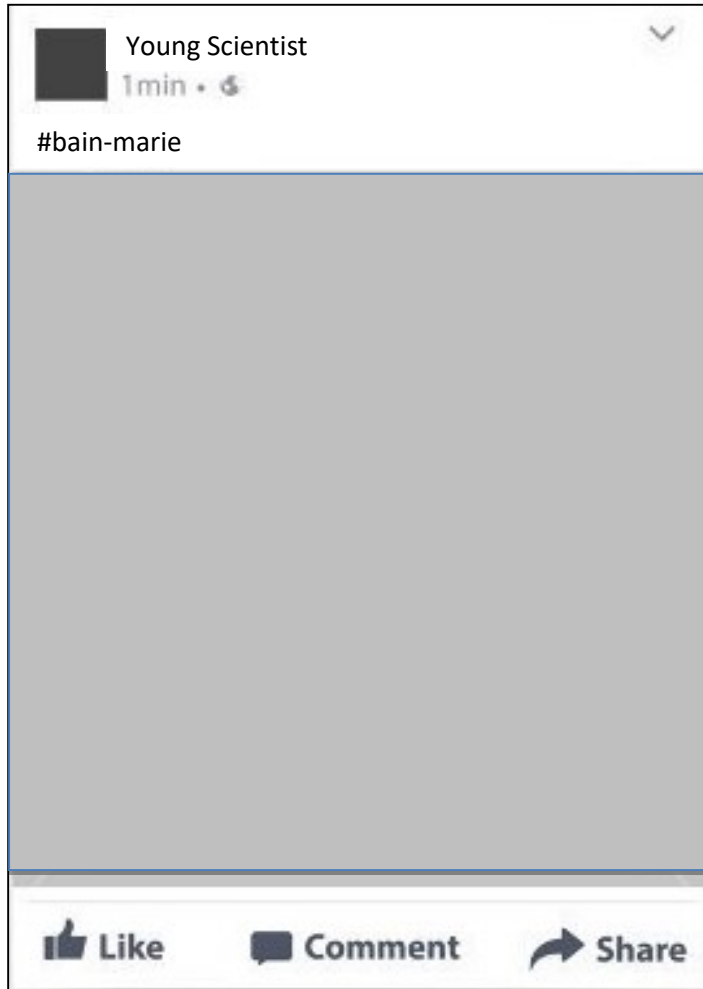
5. What should we do if there is a fire today?

Responding to Text

Read the story "The Failed Doctor Who Sparked an Idea". Write a thank you note to John Walker for his discovery and invention.



From the story “The Woman to Thank if You Like Chocolate” Mary invented the bain-marie. Draw the cauldron and write three sentences about what makes the bain-marie special.



Why is the bain-marie special?

Fill in the blanks with a suitable word.

While some say that dreams never come true, Gregorio Zara would disagree with them. (1) _____ up in a town in Philippines, Gregorio never expected to be a successful scientist (2) _____ inventions would change the world. After studying very hard to be a top student, he (3) _____ a scholarship to be an international scholar. Soon, he became a famous inventor. One of his contributions was that he (4) _____ the idea of the videophone. (5) _____ that, he also created many solar-powered devices. He is really prove that if one follows their dreams, they can achieve anything.