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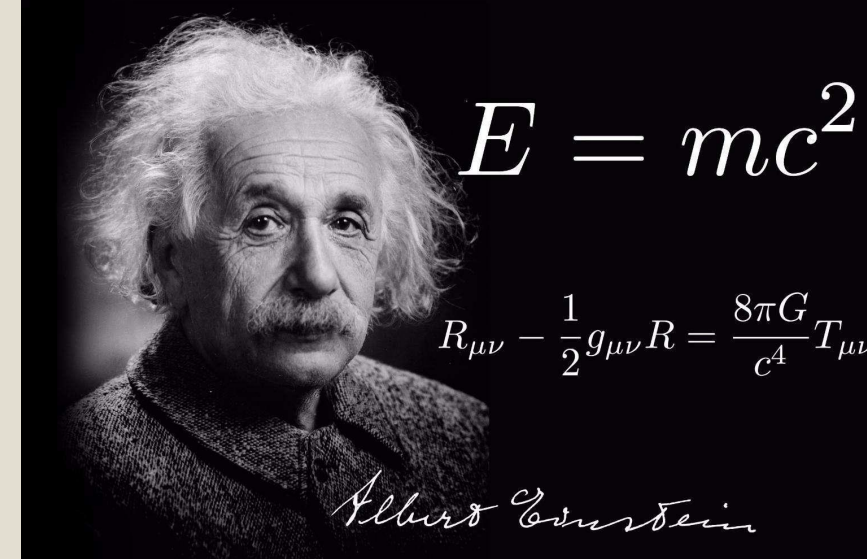
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Unit 1

PEOPLE OF ACHIEVEMENT

Try to become not a man of success,
but try rather to become a man of value.
——Albert Einstein



I. Discussion

1. Do you know the following people in the picture?



Florence
Nightingale

Alexander
Fleming

Isaac
Newton

Lu Xun

Yuan
Longping

2. Why are these people called great people?

◆ making great contributions...

◆ blaze a trail in...

◆ cast a new light on...

◆ bring enlightenment to...

the act of enlightening or the state of being enlightened

Tu Youyou Awarded Nobel Prize



II. Reading

1. According to the title and text, can you tell what text type this passage belongs to? Why do you say so?

title

Tu Youyou Awarded Nobel Prize

News story

time line

6th October 2015

Lead

This year's Nobel Prize for Physiology or Medicine has been awarded to Tu Youyou (co-winner), whose research led to the discovery of artemisinin, a crucial new treatment for malaria.

According to the lead, what do you want to know about this incident?

Questions Raised by You

1. Why is the discovery of artemisinin so important that Tu Youyou was awarded Nobel Prize?
2. Why did Tu Youyou begin to study the treatment of malaria?
3. What role did Tu Youyou play in the research of artemisinin in the beginning and later?
4. How was the research led by Tu Youyou different from the previous one?
5. How was artemisinin discovered? (Draw a flow chart)
6. How did Tu Youyou react to her winning the Nobel Prize? How do you understand what she said?

2. Why is the discovery of artemisinin so important that Tu Youyou was awarded Nobel Prize?

Over **200 million** people get malaria each year worldwide;

About **600,000** die from malaria each year.

The harmful impact of malaria on people

What kind of effect does these numbers create in a news report?



What does these number suggest?

Artemisinin has saved **hundreds of thousands of** lives (**100,000** lives in Africa alone);

Artemisinin has improved health for **millions of** lives;

The great healing effect of malaria on people

◆ making the writing **convincing** and **accurate**

◆ making the writing **reader-friendly**

3. Why did Tu Youyou begin to study the treatment of malaria?

In 1967, the Chinese government formed a team of scientists with the objective of discovering a new treatment for malaria, and Tu Youyou was among the first researchers **chosen**.

What does the word
“chosen” imply?

- ◆ Scientists should work for **the country's needs and interest**;
- ◆ The **national interest** is above all else.

4. What role did Tu Youyou play in the research of artemisinin in the beginning and later?

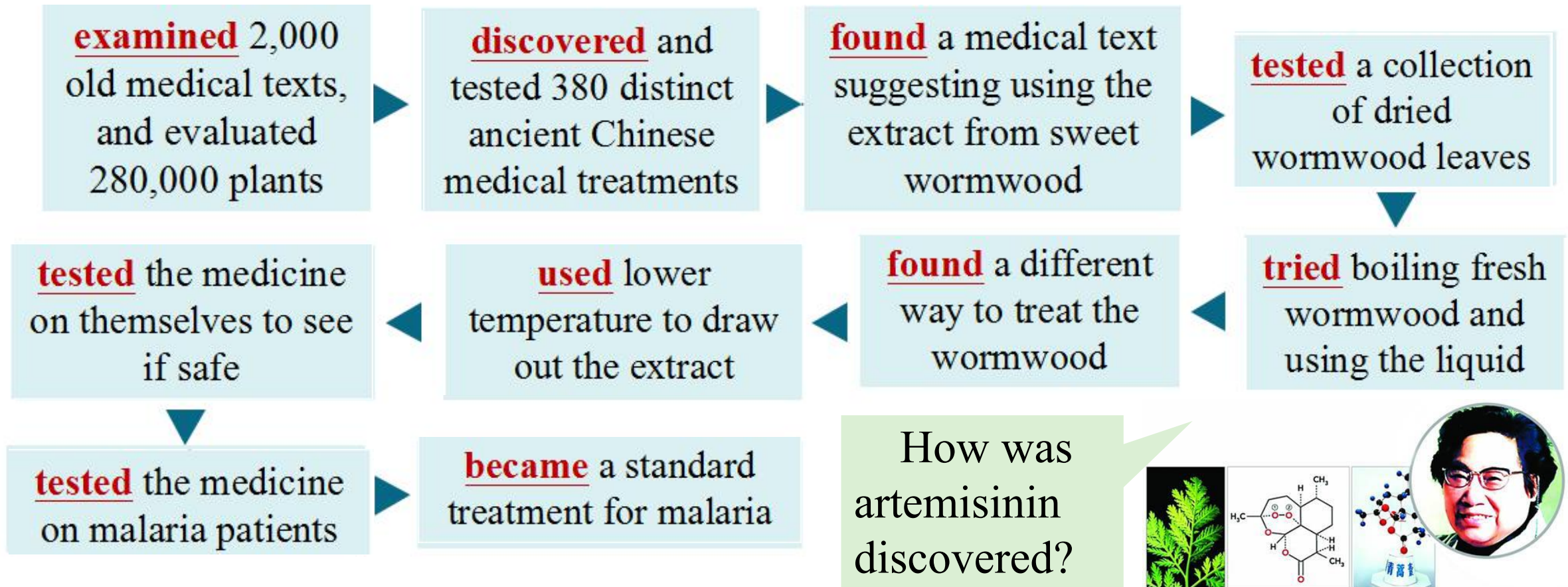
a researcher

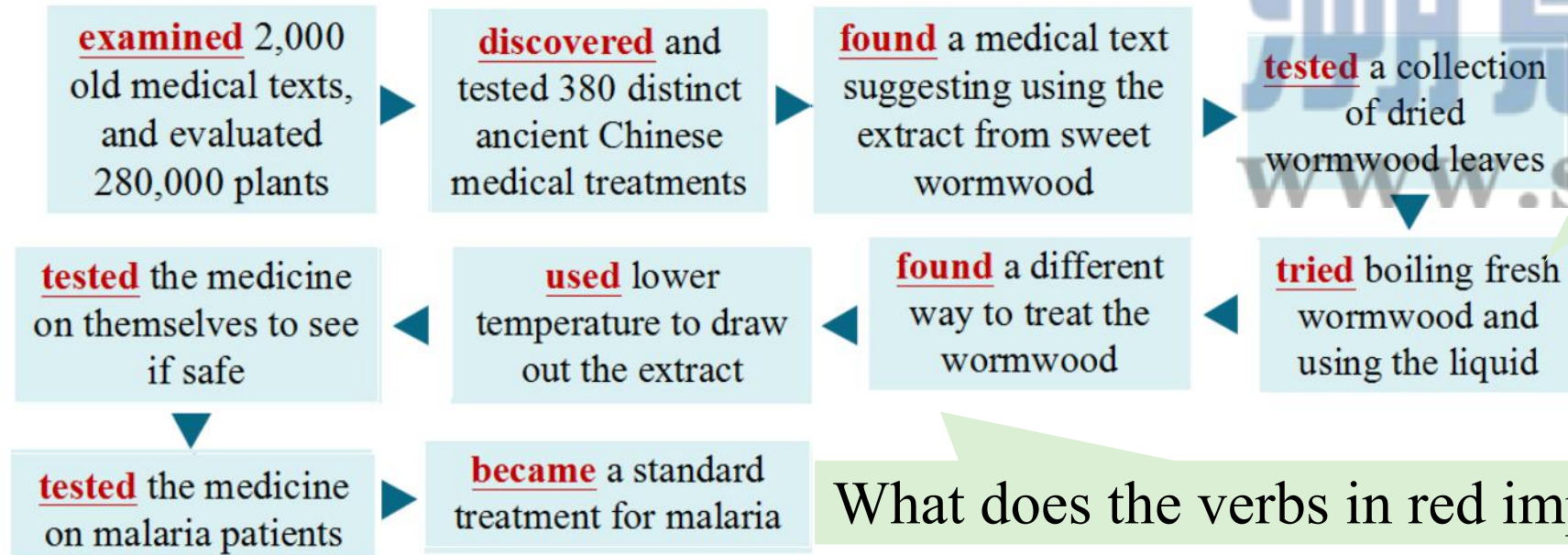


a leading researcher

5. How was the research led by Tu Youyou different from the previous one?

They decided to review **ancient Chinese medical texts** to find traditional botanical treatments for malaria. **wisdom from ancestors**





What was the key to getting a good extract from the wormwood?

temperature

What does the verbs in red imply?

◆ The process of discovering artemisinin was a repetition of **failure**, which tells us the road to scientific discovery is **frustrating** yet **worthwhile** in the end.

How are paragraph 2 and 3 developed?

How does the writer describe Tu Youyou in the research? Give examples.

committed

patient

By time and process



6. How did Tu Youyou react to her winning the Nobel Prize? How do you understand what she said?



“The honour is not just mine. There is a team behind me, and all the people of my country. This success proves the great value of traditional Chinese medicine. It is indeed an honour for China's scientific research and Chinese medicine to be spread around the world.”

1. Team efforts and the support of my country plays a crucial role in the discovery.
2. Traditional Chinese medicine and the wisdom of ancestors help a lot.
3. It's a great opportunity to introduce Chinese scientific research worldwide.

7. According to your understanding, what's the significance of the discovery of artemisinin?

◆ Many lives of malaria patients were saved worldwide. (Direct)

◆ Tu Youyou was awarded the Nobel Prize for Physiology or Medicine, which is a **breakthrough** in Chinese research work. (Direct)

◆ Chinese traditional medicine and scientific research are introduced to the whole world, which will help them **get recognized** worldwide. (Indirect)

8. What kind of qualities does Tu Youyou have according to the text? Give support details in the text.

determined

confident

devoted

committed

courageous



adventurous

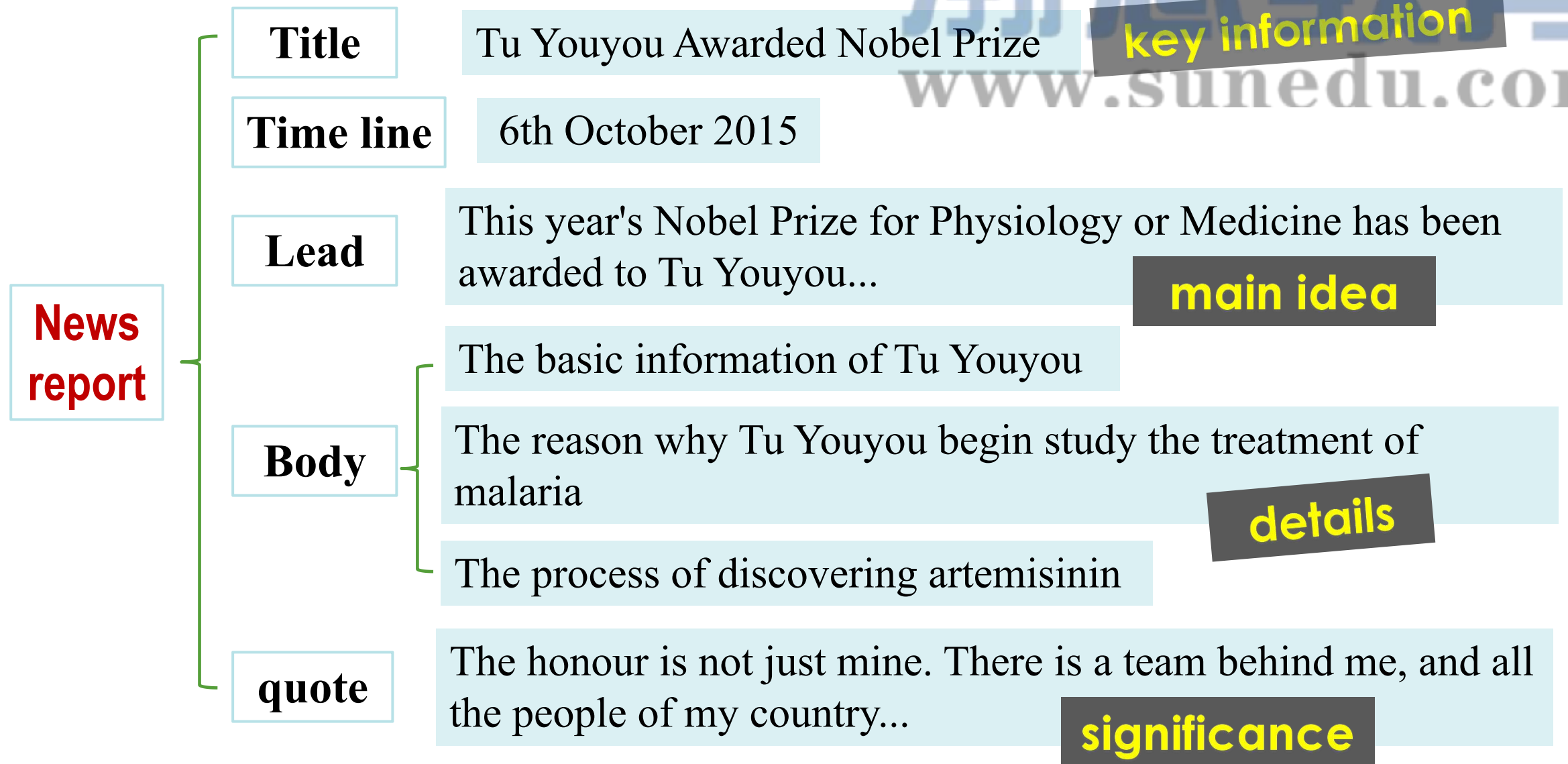
persistent

patient

creative

modest

9. Figure out the structure of the news report.



10. What are the features of the title of a news story/report?

Xi presents medals to COVID fighters

Young artists from Jiangsu showcase their works in Sydney

Tesla Model Y production likely to start in Nov

◆ short sentence/phrase

◆ short; objective

◆ key information of the incident



11. Why is passive voice often used in a news report?

◆ To be more objective and convincing



III. Activity

1. If you were Tu Youyou, try to introduce how artemisinin was discovered.
2. As to the discovery of artemisinin, which do you believe is more important, talent or effort? Or something else?
3. Here comes the news that Tu Youyou, Albert Einstein, Mar Curie, and Alan Turing were nominated “the Greatest Scientists of the 20th Century”. What would be the reasons for Tu Youyou's nomination?
4. Do you want to be a person like Tu Youyou? Why or why not? If yes, in which aspect would you like to be? What preparations are you going to make?

