

## THEME 9 MODERN HEROES AND HEROINES READING SKILL (SUNSHINE)

### **A. Read the texts and insert the following sentences.**

1. These procedures result in complication risks and additional healthcare costs
2. After that, he represented Türkiye at the 2016 Summer Olympics held in Brazil
3. This work has increased our understanding of three important concepts: how the living cell works, the causes of cancer, and aging processes

Aziz Sancar is our national modern hero because he is the first Turkish person to receive a Nobel Prize in Chemistry. He was born in Mardin in a poor family. His parents didn't have any education but they believed education was very central to the success of their children. Sancar studied at İstanbul University. Then, in 1977, he went to the U.S., where he received his doctorate at the University of Texas. In 1983, by studying various types of bacteria, Aziz Sancar showed how certain protein molecules repair DNA. \_\_\_\_\_ . Aziz Sancar donated his original Nobel Prize golden medal and certificate to the mausoleum of Mustafa Kemal Atatürk, with a presidential ceremony on 19 May 2016. He wants to combat ignorance by creating educational opportunities for young people around the world.

I think Canan Dağdeviren is a modern heroine because she is the first Turkish physics engineer to be accepted as a Junior Fellow of Harvard at Harvard University and she is currently working at Massachusetts Institute of Technology. She graduated from Physics Engineering Department at Hacettepe University in 2007. Her research includes implantable medical devices. These devices can be implanted inside a person's body. However, present systems have some limitations such as batteries as they must be changed frequently through surgical procedures. \_\_\_\_\_ .

Canan Dağdeviren has been developing biocompatible medical devices. They get their energy from the natural motion of the heart, lung, and diaphragm. Dağdeviren states that her love of science started with two things: Receiving a book on Marie Curie from her father, who brought her up and getting another book from Erdal İnönü, named Anılar ve Düşünceler.

Mete Gazoz is a modern hero because he is one of the most talented and youngest national archers in Türkiye. He was born in 1999 in İstanbul and he was only 11 years old when he started archery in 2010. The right-handed archer made his first international debut in 2013 when he took part in the 2013 World Archery Youth Championship in China. He represented his country internationally for the first time and won the silver medal there. He participated in the 2014 Summer Youth Olympics in China. He then won two other silver medals at the European Youth Cup Circuit 2015 in Austria and the World Indoor Archery Championships in Türkiye. \_\_\_\_\_ . He won the bronze medal at the 2017 World Archery Youth Championships in Argentina with his teammate, Yasemin Anagöz and in the following year, he claimed a silver medal in the U.S. in addition to the gold medal during the 2018 Mediterranean Games. Mete Gazoz followed his dreams and finally he managed to win the gold medal in men's individual archery at Tokyo Olympic Games in 2020 and he brought his country its first-ever Olympic medal in archery. He is a very hard working and determined sportsperson. He never stops practicing and he is a great role model for young people.

### **B. Read the texts again and answer the questions.**

1. For Aziz Sancar, what did studying bacteria result in?
2. How does Sancar plan to fight ignorance?
3. What is the difference between present systems and Dağdeviren's devices?
4. How did Dağdeviren's interest in science begin?
5. How did Mete Gazoz start his international career?
6. What is the significance of Gazoz's gold medal at Tokyo Olympic Games in 2020?

**C. Read the text and insert the following sentences.**

1. He wished that the rate of literate women increased with the help of adult education
2. Atatürk wished the poor could get proper education
3. Atatürk wished Turkish university graduates were as knowledgeable as their counterparts in other countries
4. He wished that girls and boys could attend same schools and have the same education

The founder of the Turkish Republic, a true hero, Mustafa Kemal Atatürk created a country from ashes. He had a vision for his country and he tried to realize that vision during his life time. One of the most important aspects of his vision was about education. He dreamt to establish a strong and modern education system for the bright minds of Turkish youth. \_\_\_\_\_

To achieve that, he established Turkish Education Association to support children in financial need in 1928.

Atatürk also wanted to create equal opportunities for both girls and boys. \_\_\_\_\_. He was always against segregated education, so he began his work to abolish single-sex education around 1920s. In 1924, the unification of education, in other words, putting boys and girls in the same schools was achieved.

Atatürk's desire to improve conditions for women also included another aspect of education, which was about literacy. \_\_\_\_\_. He hoped that with the help of adult education, the number of women who could read

and write would increase. Atatürk was also keen on improving the concept of university. During the Ottoman period and the first ten years of Turkish Republic, Darülfünun was the higher education institution. However, it was criticized by many people at the time for not producing graduates who question things and do research. As a result, in 1933, the law to establish a modern university was introduced. \_\_\_\_\_. He wanted Turkish universities to compete in the international arena.

Of course, the reforms and revolutions of Atatürk are mentioned in thousands of books and they are admired by millions of people. This is just a very brief summary of the things he effectively achieved in the field of education.

**D. Read the text again and answer the questions.**

1. What did Atatürk wish for the poor?
2. Why did Atatürk wish to unify education?
3. How did adult education help women?
4. What did Atatürk want for Turkish universities?