

## Unit 5: Inventions

### The Power of Inventions

Throughout history, inventions have shaped the way we live, work, and communicate. Some inventions, like the wheel and the printing press, changed entire civilizations, while others, like the smartphone, have transformed daily life in modern times. One of the most important inventions in history is electricity. Before its discovery, people relied on candles for light and wood or coal for heat. However, in the late 19th century, scientists like Thomas Edison and Nikola Tesla developed electrical systems that powered homes, factories, and cities. Today, almost everything we use—lights, computers, and transportation—depends on electricity.

Another life-changing invention is the internet. Invented in the late 20th century, the internet connects people worldwide, allowing instant communication, online shopping, and access to limitless information. Before the internet, people relied on books, newspapers, and letters for knowledge and communication. Now, we can send messages, watch videos, and research topics in seconds.

Medical inventions have also saved millions of lives. Vaccines, X-rays, and antibiotics help prevent and treat diseases. For example, the invention of penicillin in 1928 by Alexander Fleming led to a revolution in medicine, curing bacterial infections that were once deadly.

Inventions continue to shape the world. From artificial intelligence to renewable energy, new technologies are solving problems and improving lives. Who knows? Maybe the next great invention will come from someone like you!

## Task 1: Match the words with their correct definitions.

1. Electricity

**A.** A medicine discovered by Alexander Fleming that helps cure bacterial infections.

2. Internet

**B.** A scientific creation that improves life and solves problems.

3. Vaccine

**C.** A system that allows people to communicate and access information worldwide.

4. Invention

**D.** A discovery that provides power for lights, machines, and modern technology.

5. Penicillin

**E.** A medical treatment that helps prevent diseases.

## Task 2: Read the statements below and decide if they are True (T) or False (F).

1. Thomas Edison and Nikola Tesla helped develop electrical systems that power homes and cities.
2. Before electricity, people used gas and solar power for light and heat.
3. The internet was invented in the 18th century to help people send letters faster.
4. Penicillin was discovered by Alexander Fleming and helped cure bacterial infections.
5. Inventions only changed life in the past and are no longer important today.

### Task 3: Choose the best answer for these questions.

1. Which invention allows people to communicate instantly and access unlimited information?
  - A. Electricity
  - B. The internet
  - C. The wheel
  - D. The printing press
2. Who discovered penicillin, which helped cure bacterial infections?
  - A. Nikola Tesla
  - B. Thomas Edison
  - C. Alexander Fleming
  - D. Albert Einstein
3. Who discovered penicillin, which helped cure bacterial infections?
  - A. Candles and wood
  - B. Solar panels and gas
  - C. Batteries and oil lamps
  - D. Flashlights and generators

**4. How has the internet changed the world?**

- A. It made transportation faster
- B. It allows global communication and quick access to information
- C. It produces electricity
- D. It replaces books and newspapers completely

**5. What is the main idea of the passage?**

- A. The internet is the most important invention ever
- B. Inventions from the past are no longer useful
- C. Inventions have transformed life and continue to solve problems
- D. Scientists no longer create new inventions