



# ACTIVITY BOOK



## Unit 1

### Student Activity Book 1

About reading, you must answer the following questions.

#### 1) Scanning Activity: Multiple Choice Questions

**Instruction:** Read the questions below and choose the correct answer based on the reading text "Ada Lovelace: The First Computer Programmer." Choose the correct response.

1. What was Ada Lovelace's father's occupation?

- a. Scientist
- b. Mathematician
- c. Poet
- d. Engineer

2. At what age did Ada meet Charles Babbage?

- a. 21
- b. 17
- c. 25
- d. 30

3. What was Charles Babbage's machine called?

- a. The Calculating Engine
- b. The Difference Machine
- c. The Analytical Engine
- d. The Babbage Computer

4. What did Ada translate from French to English?

- a. A science textbook
- b. A novel
- c. An article about Babbage's machine
- d. A math paper



5. What did Ada Lovelace's notes primarily discuss?

- a. The history of mathematics
- b. The design of mechanical gears
- c. Instructions for the Analytical Engine
- d. Biography of Charles Babbage

6. What is Ada Lovelace known for being the first to do?

- a. Build a computer
- b. Write a computer program
- c. Discover a mathematical theorem
- d. Invent a machine

7. What did Ada believe machines could create besides math?

- a. Buildings
- b. Medicine
- c. Music and Art
- d. Clothing

8. What did people later use Ada's notes for?

- a. Writing poetry
- b. Building bridges
- c. Helping to build modern computers
- d. Teaching mathematics

9. When is Ada Lovelace Day celebrated?

- a. First Monday of September
- b. Last Friday of November
- c. Second Tuesday of October
- d. Third Wednesday of June

10. What does Ada's story encourage people to do?

- a. Learn poetry
- b. Study history
- c. Turn dreams into reality



d. Travel the world

## 2) Timeline Activity: Key Events in Ada Lovelace's Life

**Instruction:** Using the information from the reading text "Ada Lovelace: The First Computer Programmer," arrange the following events in the order they occurred in Ada Lovelace's life.

1. Ada met Charles Babbage at the age of 17. ( )
2. Ada Lovelace Day was established to honor her contributions. ( )
3. Ada Lovelace was born in London. ( )
4. Ada passed away at the age of 36. ( )
5. Ada wrote notes explaining the potential of the Analytical Engine.
6. Ada's notes were later used in the development of modern computers. ( )
7. Ada wrote what is considered the first computer program. ( )
8. Ada translated an article about Babbage's Analytical Engine from French to English. ( )