

Grade 2
Reading Science
"The Wright Brothers' First Flight"

In the early 20th century, two brothers from Dayton, Ohio, changed the course of history with their remarkable invention: the airplane. Orville and Wilbur Wright, known as the Wright Brothers, were pioneers in the field of aviation. Their dream was to create a machine that could fly the airplane, and after years of hard work and dedication, they achieved their goal.

On December 17, 1903, the Wright Brothers made history. They had built a biplane, a type of aircraft with two sets of wings, and they were ready to test it. The location they chose for this historic event was Kitty Hawk, North Carolina. It was a windy and remote area, perfect for their experiments.

As the day dawned, Orville and Wilbur prepared to take their first powered flight. Orville climbed into the pilot's seat, and with Wilbur's assistance, they started the engine. The aircraft, called the Wright Flyer, rumbled to life. The moment had come.

Orville released the restraining wire, and the Wright Flyer began its journey down the wooden launching rail. The brothers had designed the aircraft to be controlled by the pilot, and Orville skillfully maneuvered it into the air. For 12 seconds, the Wright Flyer soared above the sandy dunes, covering a distance of 120 feet. It was a short flight but a giant leap for mankind.

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Multiple Choice Questions:

1. Who were the inventors of the airplane?
 - A. The Wright Sisters
 - B. Orville and Wilbur Wright
 - C. Amelia Earhart and Charles Lindbergh
 - D. Thomas Edison and Alexander Graham Bell

2. What did the Wright Brothers dream of creating?
 - A. A car
 - B. A boat
 - C. A spaceship
 - D. An airplane

3. Where did the Wright Brothers conduct their first powered flight?
 - A. Dayton, Ohio
 - B. New York City, New York
 - C. Kitty Hawk, North Carolina
 - D. Chicago, Illinois

4. What type of aircraft did they build for their experiments?
 - A. Helicopter
 - B. Hot air balloon
 - C. Biplane
 - D. Glider

5. How long did the first powered flight by the Wright Brothers last?
 - A. 30 minutes
 - B. 12 seconds
 - C. 2 hours
 - D. 1 day

Answers- Reading Science Prompt

Question 1:

- **Answer:** B - Orville and Wilbur Wright
- **Explanation:** Based on information provided in the passage, it states that "Orville and Wilbur Wright, known as the Wright Brothers, were pioneers in the field of aviation." Therefore, B is the right answer for this question.

Question 2:

- **Answer:** D - An airplane
- **Explanation:** Based on information provided in the passage, it states that "Their dream was to create a machine that could fly the airplane, and after years of hard work and dedication, they achieved their goal." Therefore, D is the right answer for this question.

Question 3:

- **Answer:** C - Kitty Hawk, North Carolina
- **Explanation:** Based on information provided in the passage, it states that "The location they chose for this historic event was Kitty Hawk, North Carolina." Therefore, C is the right answer for this question.

Question 4:

- **Answer:** C - Biplane
- **Explanation:** Based on information provided in the passage, it states that "They had built a biplane, a type of aircraft with two sets of wings, and they were ready to test it." Therefore, C is the right answer for this question.

Question 5:

- **Answer:** B - 12 seconds
- **Explanation:** Based on information provided in the passage, it states that "For 12 seconds, the Wright Flyer soared above the sandy dunes, covering a distance of 120 feet." Therefore, B is the right answer for this question.