



INVENTIONS THAT CHANGED THE WORLD

THE

CAMERA





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THE BIG APPLE!

Bright neon colors light up each building that towers to the sky. Horns honk from the streets. People rush up and down the crowded sidewalks. Times Square is everything the students imagined it would be!





As they walk down the streets, the students point their smartphones at the sights. One student snaps a photo of an advertisement for the Broadway musical *Wicked*. Another zooms her camera in on a person dressed as Lady Liberty.

Near the Brooklyn Bridge, the students gather to take a selfie. In the background, boats glide across the East River. The friends continue exploring. They snap photos of Central Park, taxicabs, and other sights of New York.



DID YOU KNOW?

The first selfie was taken in 1839. Robert Cornelius sat in front of his camera for a minute to take the photo. If he had moved, the photo would have been blurry!

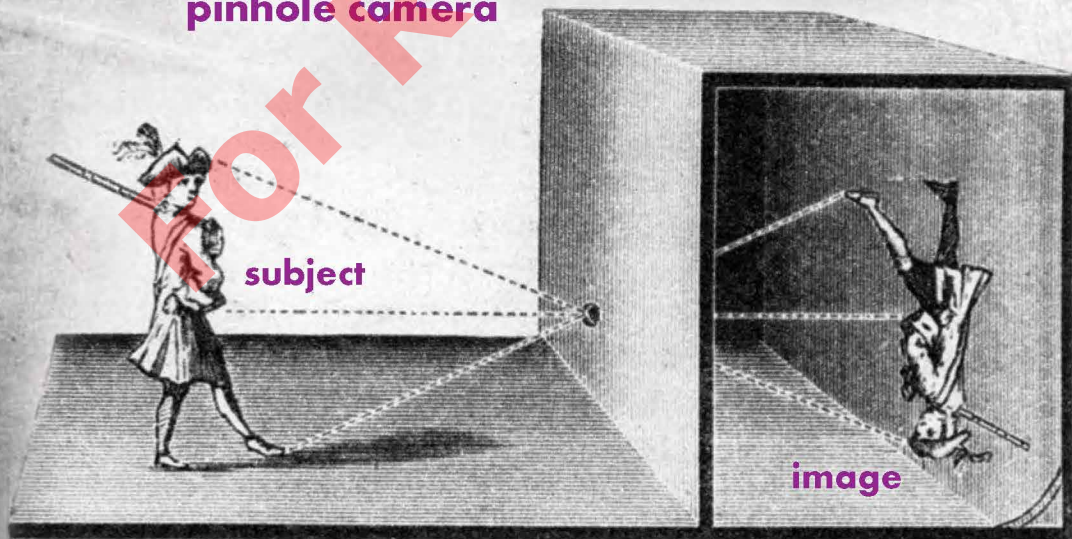


Later, one student captures a shot of Manhattan's skyline. The glass-covered buildings sparkle in the sun. Every way they turn, the students take photos to document their trip. There are so many memories to capture!

PRESERVING MEMORIES

The first camera-like device came from ancient Greece and China. The device was known as *camera obscura*, or the pinhole camera. This "camera" was an entire dark room with a tiny hole in one wall. Light that passed through the hole was projected onto the opposite wall. It showed an upside-down image of the subject outside the hole!

pinhole camera



DID YOU KNOW?

Camera obscura is Latin for "dark room."

pinhole camera

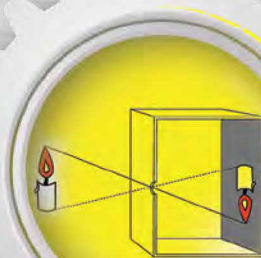


Pinhole cameras were used to observe **solar eclipses**. The image of the eclipse let people view and study the sun without damaging their eyes. Pinhole cameras did not have **film**. The only way to keep the images was by tracing them!

CAMERA TIMELINE

401-500 BCE

Ancient Chinese writings describe the pinhole camera



1888

George Eastman introduces the first Kodak camera



1826

Nicéphore Niépce takes the first permanent photograph



1900

The Brownie camera is available to the public for \$1.00 and continues to be popular through the 1960s



1975

Steven Sasson invents digital photography and makes the first digital camera

2019-

Future developments

1986

Fuji releases the first disposable camera called QuickSnap

2004

The Epson R-D1 becomes the first mirrorless camera to hit the market

1924

The Leica I is introduced

2001

The Sharp Corporation releases the first camera phone

