

# The History of Communication

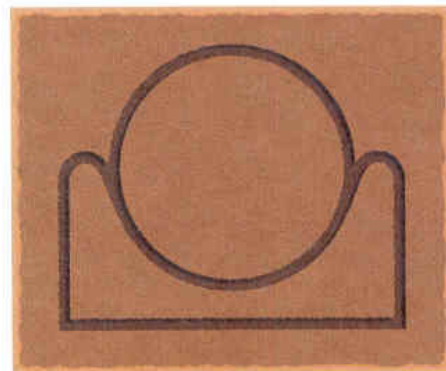
The History of Communication



Time Line

3000 B.C. Hieroglyphic writing is developed in Egypt.

Hieroglyphs are pictures and symbols that stand for objects and ideas. This symbol, called Akhet, stands for a sunrise or sunset.



R2.1

4000 B.C.

2000 B.C.

A.D. 500

1000

1200

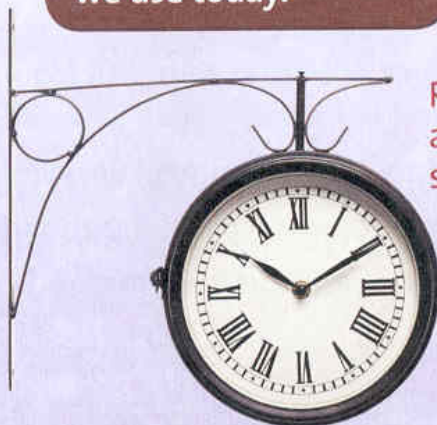
4000–3500 B.C. Papyrus is invented in Egypt.

The Egyptians use sheets of papyrus to write on. Papyrus is not made from wood pulp, as paper is. It is made from the papyrus plant.



A.D. 105 The Chinese invent paper.

507 B.C. The Romans develop the alphabet we use today.



Roman numerals are still used on some clock faces.



CALIFORNIA STANDARDS

ENGLISH-LANGUAGE ARTS STANDARDS—Reading 2.1 Identify structural patterns found in informational text (e.g., compare and contrast, cause and effect, sequential or chronological order, proposition and support) to strengthen comprehension.



1455 The Gutenberg Bible is printed on the printing press.

1690 The first newspaper in the United States is published on September 25.

1838 The Morse code is developed by Samuel Morse.

1844 The first telegraph message is sent.



1400

1600

1800

1820

1840

1860

1450 In Germany, Johannes Gutenberg invents the printing press.

1775 Benjamin Franklin becomes the first postmaster general of the United States.

1857 Congress passes the Overland Mail Act.

This law allows Californians to receive mail from the East.

1824 Louis Braille, a teacher in France, invents a system of writing for people who are blind.

The Braille alphabet is made up of raised dots that can be read by touch on paper.





**1868** Christopher Latham Sholes designs the typewriter.

By 1874, typewriters are being sold in the United States. Famous author Mark Twain is the first writer to send a typed story to a publisher.



**1926** In Scotland, John Logie Baird invents the first working television system.

**1920** The first radio station, KDKA, begins broadcasting from Pittsburgh, Pennsylvania.

**1860**

**1880**

**1900**

**1920**

**1940**

**1901** The first message by telegraph is sent across the Atlantic Ocean.

Guglielmo Marconi sends the first wireless telegraph signal from England to Canada. This leads to all future wireless communication, including radio, television, and mobile phones.

**1946** ENIAC, the first electronic digital computer, is invented.

**1876** Alexander Graham Bell invents the telephone.

**1860** The first Pony Express ride is completed.

**1962** The United States launches the first communications satellite, Telstar 1.



**1975** The first PC, or personal computer, called the Altair, is sold.

**1979** The first cellular telephone system begins operating in Japan.



**1991** The World Wide Web becomes available.



**1960**

**1970**

**1990**

**2000**

**1971** E-mail is invented.

Computer programmer Ray Tomlinson sends the first electronic mail. It was a test message he sent from one computer to another right beside it. It read, "QWERTYUIOP," which is just the top row of letters on a keyboard.

**1997** The first wireless network technology is introduced.



**2007** New cell phone models allow users to take pictures, send e-mail, watch video, and listen to music—besides talk on the phone.