

Scientific devices

Different use of Scientific Devices Used in Daily Life A scientific instrument broadly speaking, a device or tool used for scientific purposes, including the study of both natural phenomena and theoretical research. These scientific devices are used in our daily life like air conditioner, mobile, computer, television, car, cooler, Fan.



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Thermometer

- It measures the temperature of body
- Mainly of three type
- Kelvin , Celsius , Fahrenheit



Barometer

- Used to measure pressure



Altimeter

- Used to measure height



Ammeter

- Used to measure current



Calorimeter

- Used to measure heat



Audiometer

- Used to measure sensitivity of the sound



Binocular

- Used to see distant objects



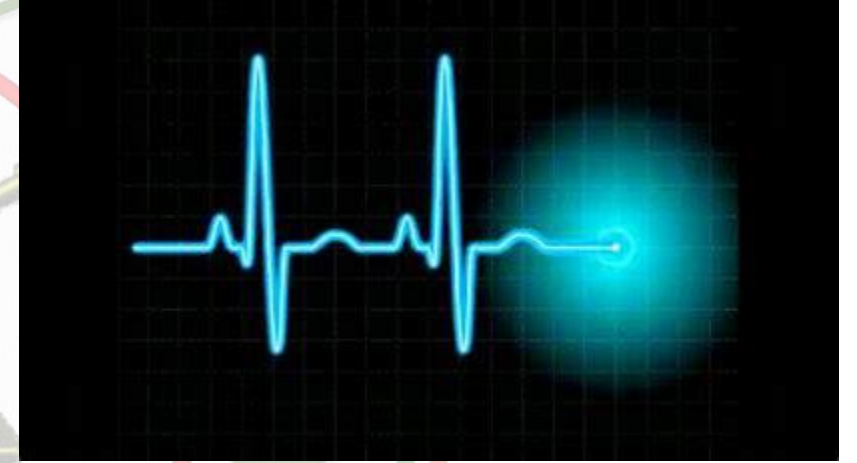
Microscope

- is a laboratory instrument used to examine objects that are too small to be seen by the naked eye



Cardiogram

- It traces the movement of the heart



Dynamo

- Converts mechanical energy to electrical



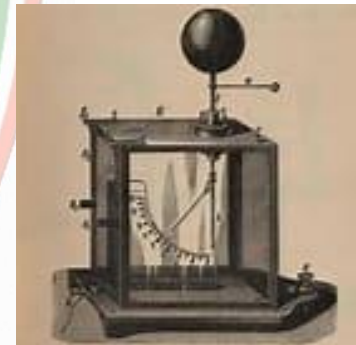
Voltmeter

- Instrument used to measure power



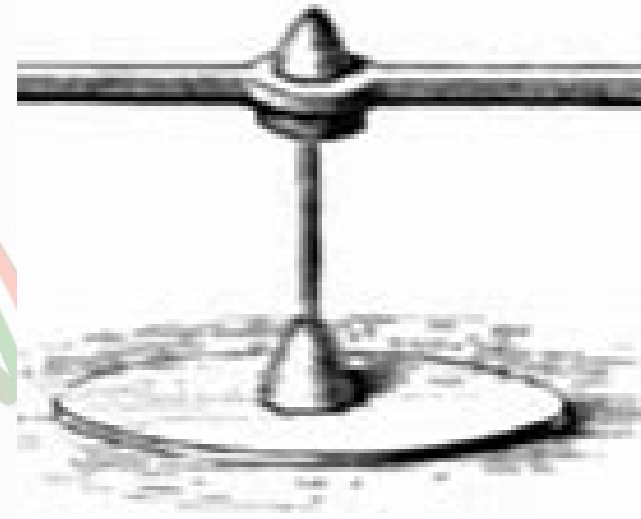
Electrometer

- electrometer is an electrical instrument for measuring electric charge



Electroscope

- The electroscope is an early scientific instrument used to detect the presence of electric charge on a body.



Fathometer

Fathometer is A **depth finder** that uses sound waves to determine the depth of water.



Galvanometer

- Used to detect current



Hydrometer

- A hydrometer is an instrument used for measuring the relative density of liquids



Hygrometer

A hygrometer is an instrument used to measure the amount of water vapor in air, in soil, or in confined spaces.



Manometer

used in measuring pressure



Lactometer

- an instrument for measuring the density of milk



Microphone

- converts sound into an electrical signal



Compact disc

- It is a storage device used to store various computer data



Pen Drive

- Pen drive used to store various data generally have much more space than Compact disk



Hard disk

- Used to store heavy data



Anemometer

- Used to measure the wind speed



Speedometer

- Used to calculate speed



Odometer

- An odometer or ondograph is an instrument used for measuring the distance traveled by a vehicle, such as a bicycle or car.



Telephone

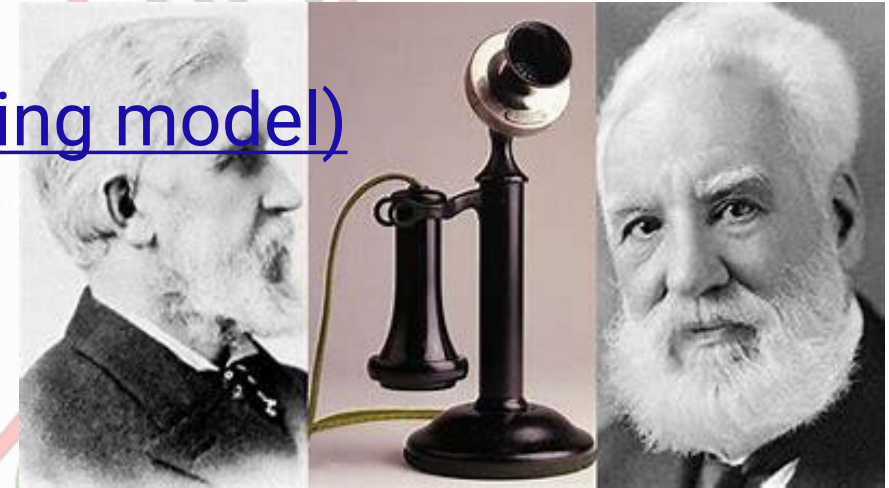
A telephone is a telecommunications device that permits two or more users to conduct a conversation when they are too far apart to be heard directly

It was invented by Antonio Meucci (first Working model)

Alexander Gram bell

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Scottish-born inventor, scientist, and engineer who is credited with inventing and patenting the first practical telephone.



Radio

- Radio is the technology of signaling and communicating using radio waves. Radio waves are electromagnetic waves of frequency between 30 hertz (Hz) and 300 gigahertz (GHz).
- Invented by Guglielmo Marconi



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Television

- Television, sometimes shortened to TV or telly, is a telecommunication medium used for transmitting moving images in monochrome, or in color, and in two or three dimensions and sound.
- It was discovered by **John Logie Baird**



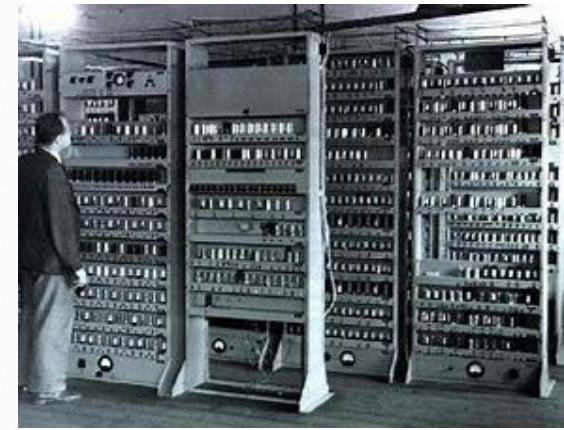
Computer

- A computer is a **machine that can be programmed to carry out sequences of arithmetic or logical operations automatically**
- Charles Babbage is father of computer.





Computer



- ENIAC was the first programmable, electronic, general-purpose digital computer. It was Turing-complete and able to solve "a large class of numerical problems" through reprogramming.
- The **CDC 6600**, released in 1964, is generally considered the first supercomputer
- The **Kenbak-1**, released in early 1971, is considered by the Computer History Museum to be the world's first personal computer

Input devices in computer

- Keyboard
- Mouse
- Scanner
- Microphone
- Joystick

Output devices of computer

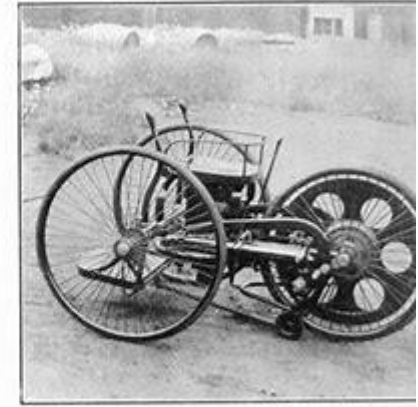
- Monitor.
- Printers.
- Headphone.
- Computer Speaker.
- Projector.

Cycle

- The first motor cycle invented by Edward Butler in 1887



THE BACONER FRONT VIEW.



A SIDE VIEW OF THE BACONER, SHOWING THE RADIATOR MOUNTED AND DRIVEN WHEEL. OF THE FIRST MOTOR-CYCLE: AN INVENTION OF 1887.

Steam engine

- James Watt, Father of the Modern Steam Engine James Watt was one of the most important engineers and scientists in history



Automobile

- Father of automobile Nicolas-Joseph Cugnot
- The first automobile On January 29, 1886, Carl Benz applied for a patent for his “vehicle powered by a gas engine.” The patent – number 37435 – may be regarded as the birth certificate of the automobile



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Train

- George Stephenson was a British civil engineer and mechanical engineer.

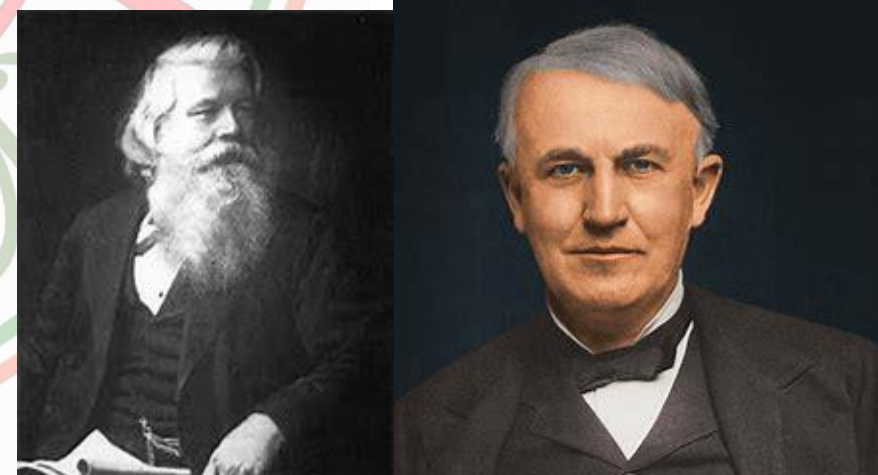


Bulb

- Thomas Edison and Joseph Swan both invented Light Bulb

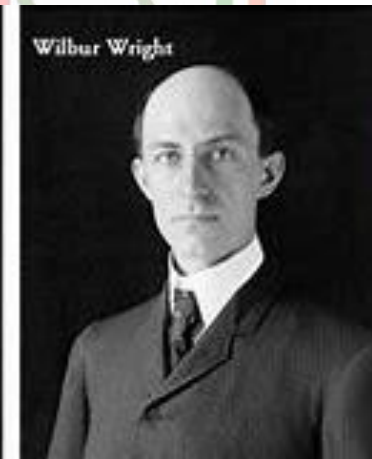


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Aeroplane

- The Wright brothers – Orville and Wilbur – were two American aviation pioneers generally credited with inventing, building, and flying the world's first successful motor-operated airplane



Acroplane invented by : Wright brothe
Orville Wright
Wilbur Wright

Established in the year : 1906 and 1907

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