

Erasmus +

Sc. Gimnaziala Nr. 1 Ivesti

Learning Foreign Language Through ICT

Revolutionary Inventions

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The Wheel

- The wheel is a spoke or full circular device that can be rotated around its own axis. The wheel can transmit a force through the mechanical work, in which case arises physical quantity called angular momentum, both forms (theoretical) mechanical power transmission.
- A mechanical assembly consisting of a wheel and shaft can rotate its solidarity with lower losses due to friction, while encouraging and facilitating linear movement by transforming it into one circular. The most common examples are vehicles for transport by land. Also wheel has, as an organ of machine widely used in construction machinery and mechanical mechanisms. The term "wheel" can be used in more general sense, given the different objects that can rotate or only have circular wheel.



- There are many opinions that deemed wheel one of the oldest and most important inventions in ancient Sumer originated in Mesopotamia its subsequent (7,000 years ago), in the original potter's wheel.
- The invention of the wheel was propagated to the area where today are Pakistan and India, during the third millennium BCE century, being used by the inhabitants of what we call civilization Indus River Valley.
- In the northern Caucasus were discovered several graves dating from around the time of 3700 BCE, the people buried were found in wheeled vehicles with an axis. The oldest representation of a vehicle with four wheels and two axles was discovered in Poland, it is dated about 5,500 years ago.