

The Industrial Revolution

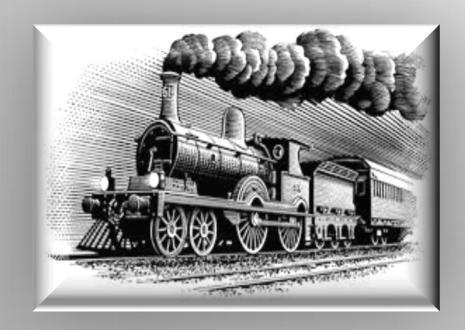
The Industrial Revolution began in England in the XVIII century. It was the cause of a radical change in the ways people produced things.

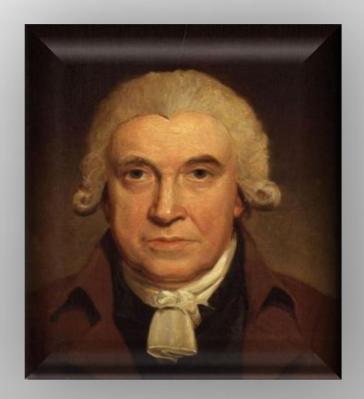




The first steam engine

- The new system included the use
 Thomas Savery was the builder of industrial workers who worked in the factories. It was very important the invention of steam engines.
 - of the steam engine.

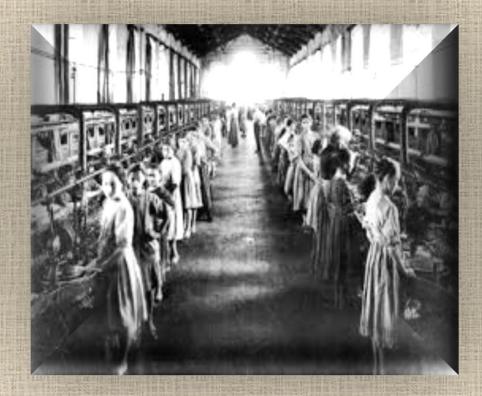




The workers

In England, during the Victorian Age, the use of child labor was a common practice. The children worked to help their family. Often they worked in factories or mines.







The movement of farmers

During the Industrial Revolution peasants moved from the countryside to the city, to work in factories and mines, so the population of the city increased.



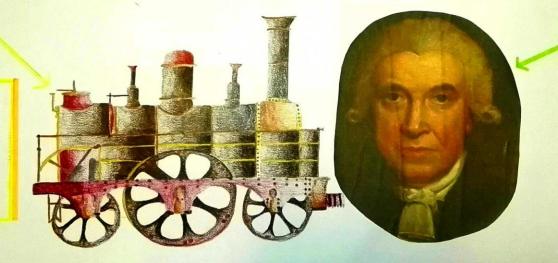


THE MUSICAL PROPERTY



The Georgian Period was a time of glory for engineers. In 1698 Thomas Savery unrelited the first deam engine for jumping water out of mines, so wal and other minerals could be mined and used in industry. Steam engines could also be applied to relicles such as traction engines and the railway becometives. The stationary steam engine was a new component of the industrial revolution, allowing Pactories to locate were water power was unavoiable. Steam engines are external combristion engines, were the walking fluid is reparate from the combustion products. Non-combustion heat sources such as odar power, nuclear power or geothermal energy may be used. The ideal thermody. mamble cicle used to analyze this process is asked the Rankins eyels. In the eyels water is haded and transforms into steam within a barben operating at a high memore. When exported through pintons on turbinus, mechanicse work is done too reduced pressure steam is then condensed and pumped back into the boiler

THE REST STRAM EMEME



In general wags the term dearn engine can refer to either the integrated ream splants such as railway steam exemptives and portable enginess, so may refer to the pirton or turbine machinery alone, as in the Clam engine and stationary steam engines. Specialized deviced such as steam hammers and steam pile drivers are the pondent on the steam pressure supplied from a separate bother. Reciprocating justion type down engines remained the videminant nourable of power until the early 20th a century, when advances in the designe of electric motors and internal contestion engines gradually resulted in the replacement of a reciprocating (pixters) steam engines in commercial wrong, and the ascendancy of steam turbines in power generation. considering theat the great misrity of worldwide electric generation is produced by twoline type steam engines, the "steam egg" is continuing with energy levels four beyond these of the turn of the 19th century.

