

9. Times are Changing

Inventions

I think that the world has changed very much in the last centuries. There are some milestones to begin with: the industrial revolutions. The first one came in the 18th century with the invention of the steam engine by James Watt. Then came the second one at the end of the 19th century: electricity, probably the biggest invention in history – a lot of scientists are connected with the birth of electricity: Alessandro Volta, André-Marie Ampère, Georg Simon Ohm, Nicola Tesla or Michael Faraday. We also can't forget Thomas Alva Edison, who invented the light bulb. We consider the creation of the atomic bomb and start of using the nuclear energy as the third industrial revolution. And nowadays people talk about the fourth one: the digital revolution.

In the early human history, the only power available was muscle power. Around 4500 BC the wheel became the most important invention of all time and carriages came into common use. The wheel is the longest-used invention in human history and had the biggest influence on the development of modern civilization. The invention of wheel was followed by the watermill and windmill.