

... invented/discovered ...

1. HENRY FORD (d)
2. ALEXANDER BELL (e)
3. THE WRIGHT BROTHERS (c)
4. MICHAEL FARADAY (f)
5. THOMAS EDISON (g)
6. SERGEI KOROLYOV (a)
7. JOHN LOGIE BIRD (b)
8. ISAAC NEWTON (h)
9. Isambard Brunel (i)

- a. the jet engine for airplanes and rockets
- b. the television
- c. the first airplane
- d. the car
- e. the telephone
- f. a machine which could make electricity
- g. the phonograph, the kinoscope
- h. the law of gravitation
- i. bridge

***GREAT INVENTIONS IN
THE WORLD'S
HISTORY***

***The march of invention has clothed
mankind with powers of which
a century ago the boldest imagination
couldn't have dreamt.***

Henry George

Main periods in the history of Man's discoveries

- 1. The first prehistoric strokes of genius**
 - 2. Primitive farming**
 - 3. Laying foundation for sciences**
 - 4. The Renaissance breakthrough**
 - 5. From Science to new technologies**
 - 6. The age of electricity**
 - 7. The age of high technologies**
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The first prehistoric strokes of genius

the use of fire, the use of metals, the invention of the wheel

Primitive farming

planting crops, gathering seed from wild plants, making special tools, using the help of domestic animals in pulling the primitive plough

Laying foundation for sciences

turning primitive drawings into letters, counting days, months, cattle and sheep, using writing to record language

The Renaissance breakthrough

exploring the world, discovering new lands, unknown animals and plants, the invention of printing, writing more books

From Science to new technologies

development of science, the invention of the steam engine, the condenser and piston, modern manufacturing processes

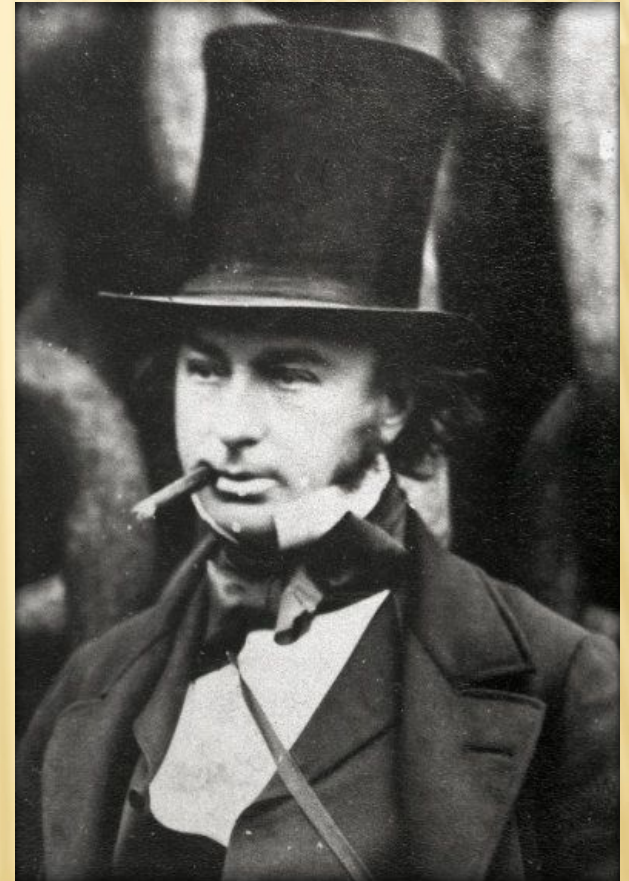
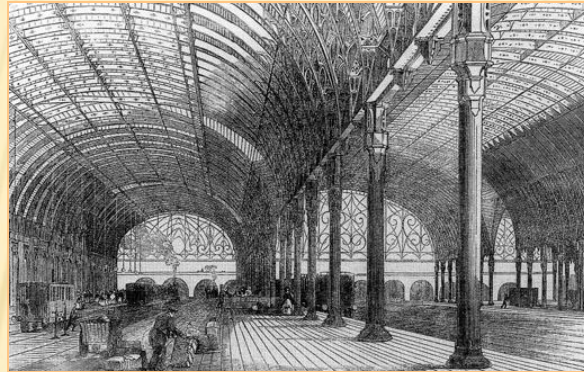
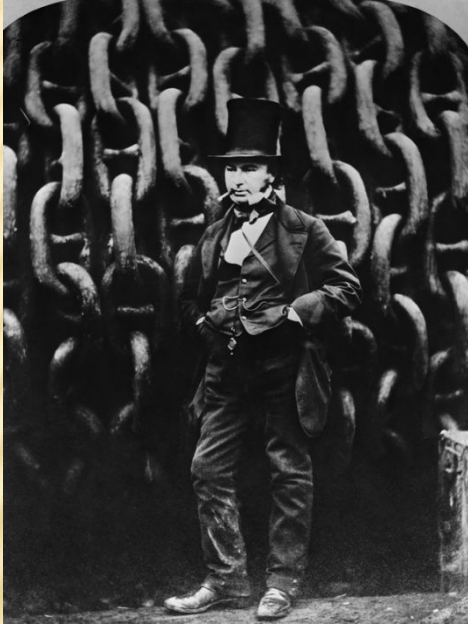
The age of electricity

inventing farm machinery, invention of electricity, manufacture of cars

The age of high technologies

the airplane construction, the discovery of atomic energy and nuclear weapons, the invention of television, computers, spacecraft, genetic engineering

Isambard Brunel



Listen to the interviews with some young engineers and match the speakers to the statements. There is one extra statement.

- a) Engineering is as important as any other profession.
- b) Working in different fields helps you to make the right choice for yourself.
- c) You can learn a lot from doing a project from the very beginning to the end.
- d) There is a lot of variety of technical solutions in engineering.
- e) Engineering involves lots of travel.
- f) Engineering is about working for the future

Speaker: 1

2

3

4

5

At home

Ex.28,29,31 p.87