

Worksheet Static electricity and balloon

Subject: Physics

Topic: Static electricity

Class: 2nd (on grammar school)

Time: 6 minutes

Tools: Mobile phone

About static electricity

Static electricity is an imbalance of electric charges surface of a material. The charge remains until it is able to move away by means of an electric current or electrical discharge. Static electricity is named in contrast with current electricity, which flows through wires or other conductors and transmits energy. All materials are made up of atoms with particles that still characterize the properties of the material. Each atom contains both positive and negative particles in a quiescent state, their sum being zero. When one of the particles is lost, the atom becomes an ion having a positive or a negative charge. Ions with opposite charges attract each other, with the same ones being repelled.

Task 1

Install the program using QR code which is in the bottom of the paper. After you download it, turn it on and try to do the second task.

Task 2

Try to play and to understand static electricity with help off.

