

THE LIFTING FORCE OF A U-MAGNET

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What is magnetism?

Magnetism:

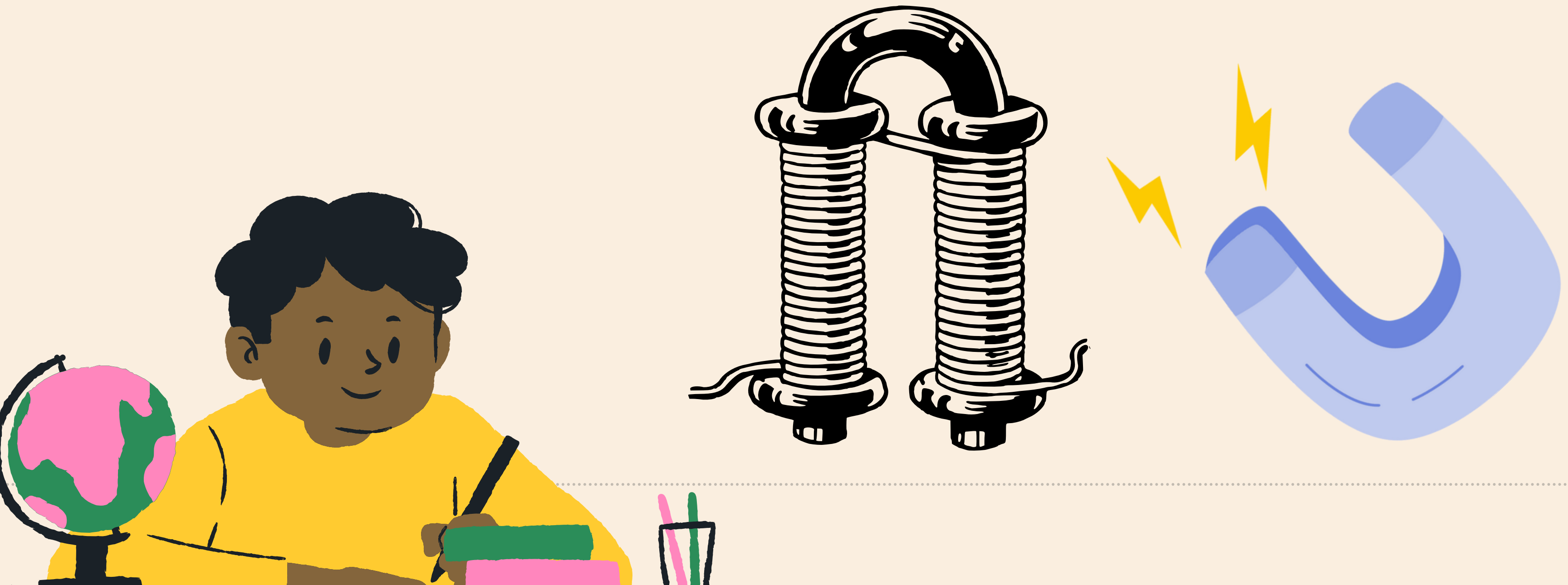
Magnetism is the force exerted by magnets when they attract or repel each other. Magnetism is caused by the motion of electric charges.

Every substance is made up of tiny units called atoms. Each atom has electrons, particles that carry electric charges. Spinning like tops, the electrons circle the nucleus, or core, of an atom. Their movement generates an electric current and causes each electron to act like a microscopic magnet.



Our experiment:

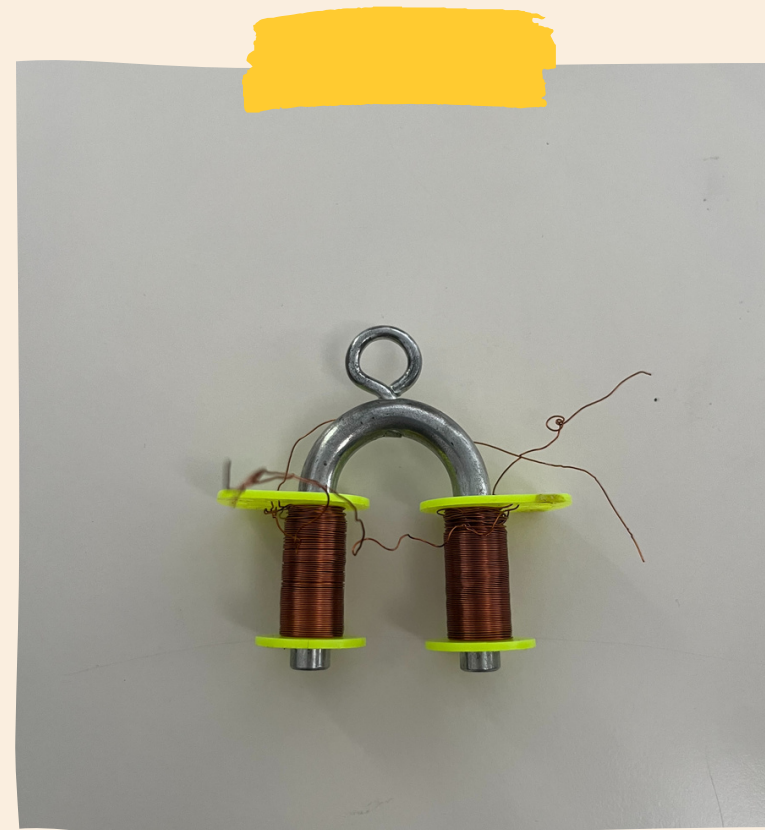
The lifting force of a U-magnet



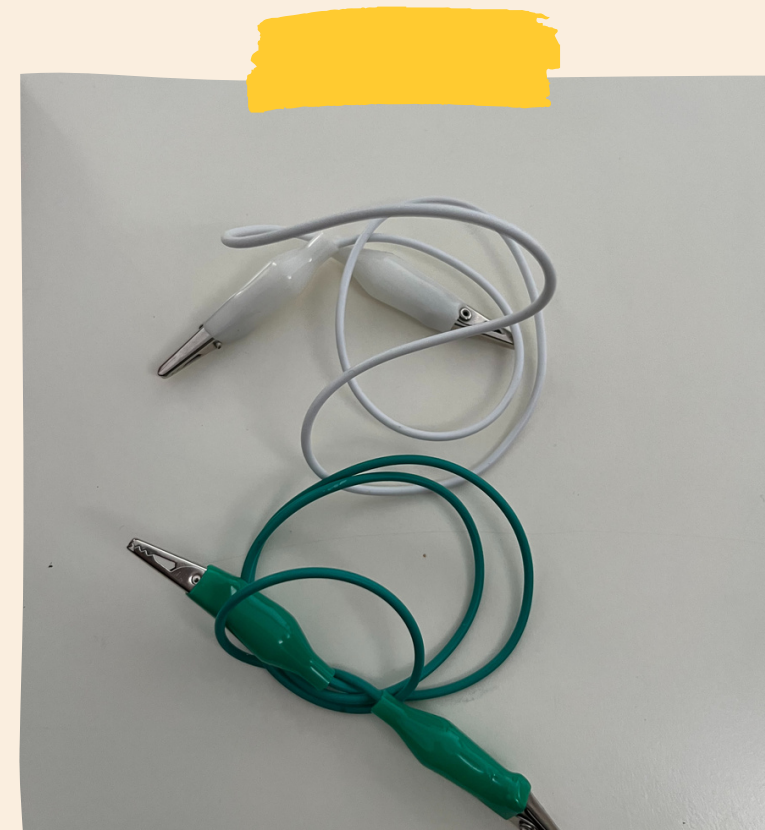
What did we use?



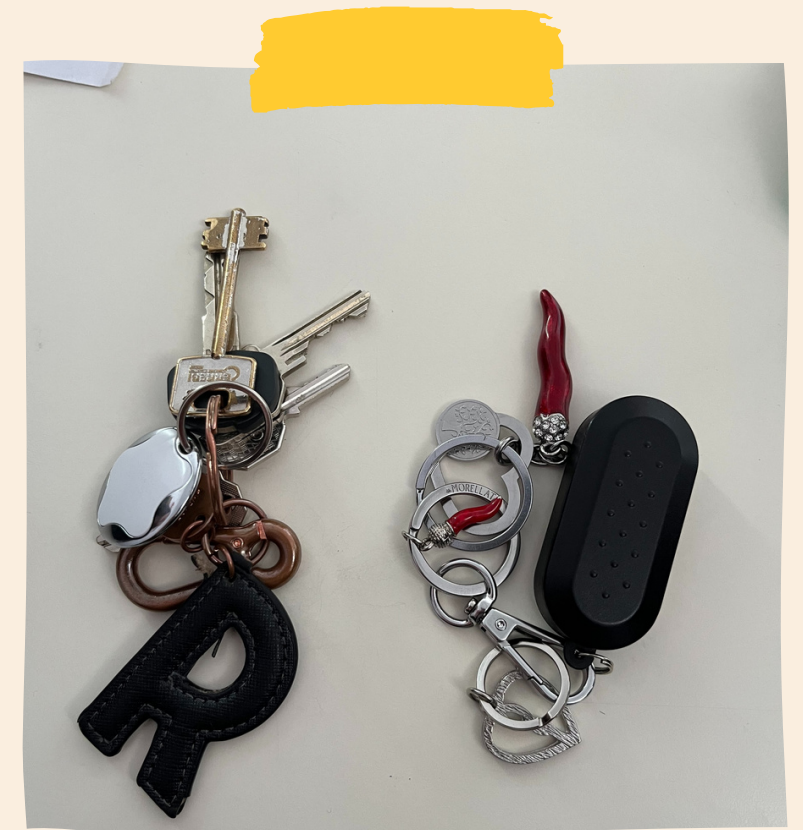
battery



U-magnet



crocodile clips

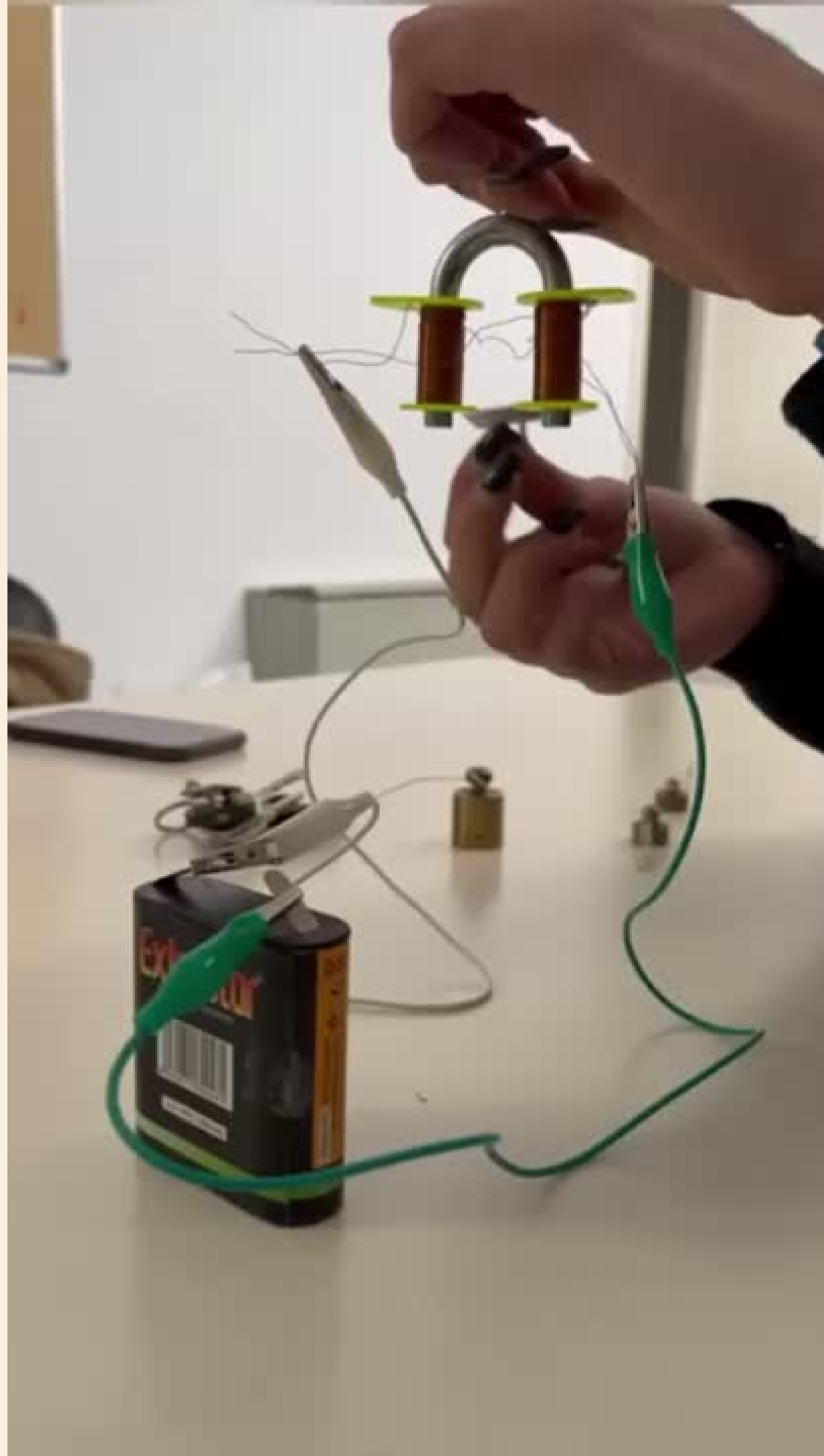


some weights

Purpose of the experiment:

- The magnetic field holds the magnet to the steel plate









THANK YOU
FOR
WHATCHING!

YOU'RE SO
ATTRACTIVE

