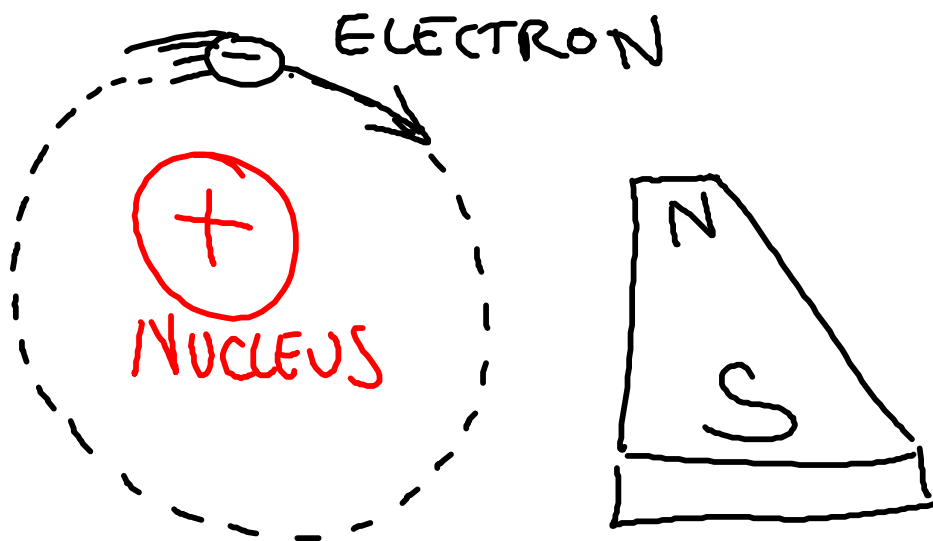


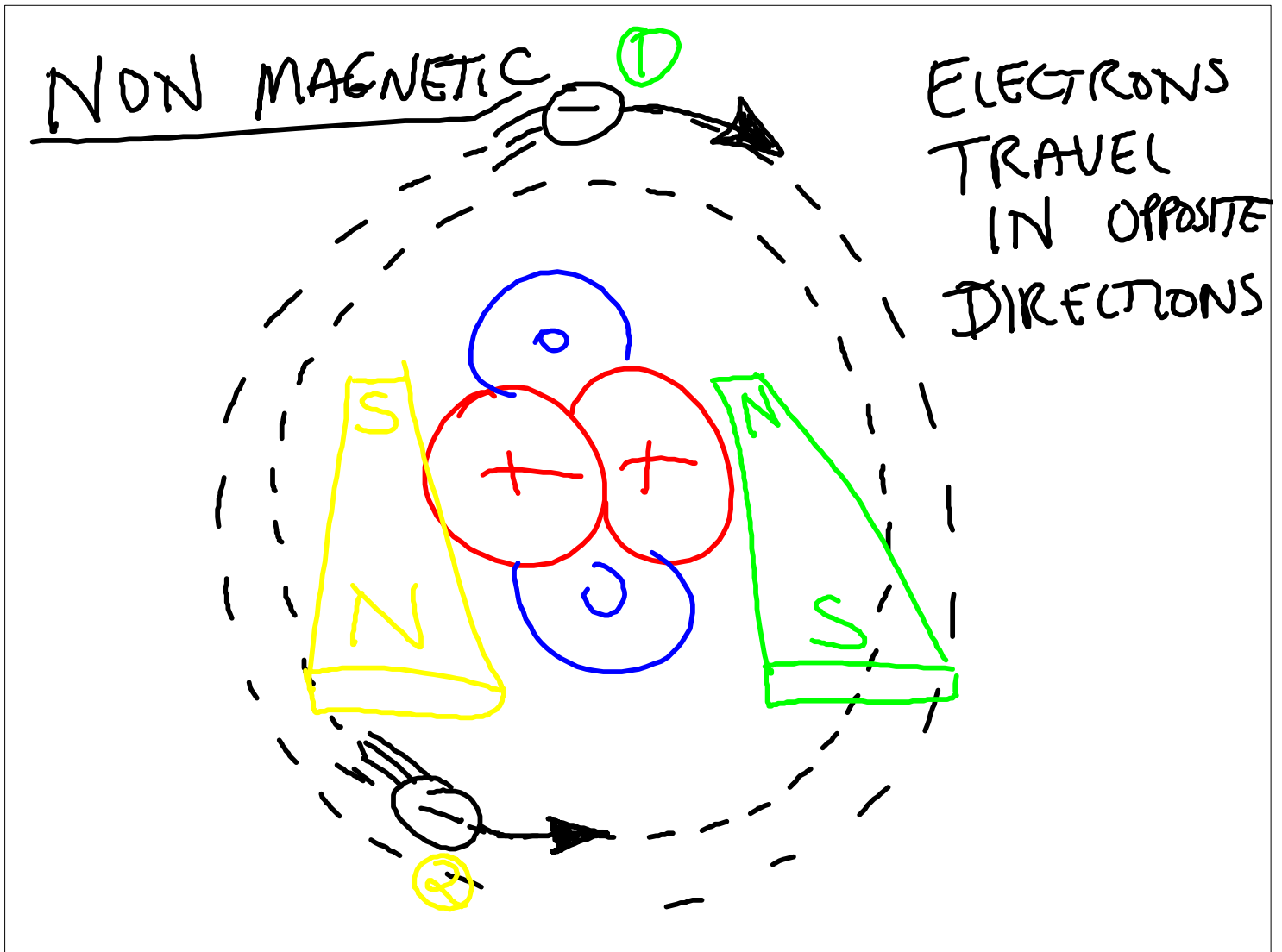
Magnetism

Do Now: What things are magnetic?

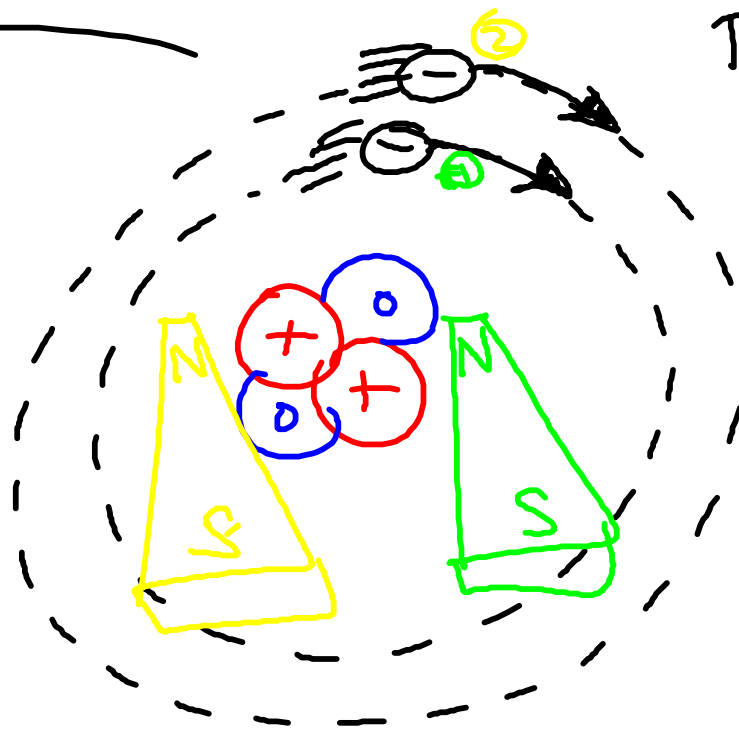
MAGNETS

ELECTRICITY MAKES MAGNETS.





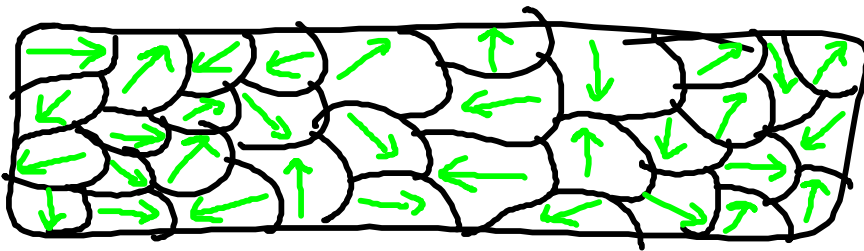
MAGNETIC



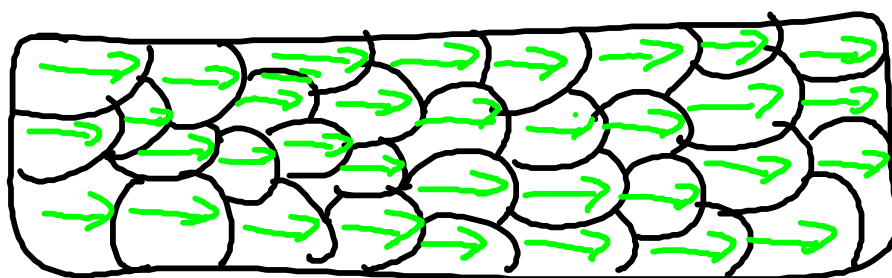
ELECTRONS
TRAVEL IN
SAME
DIRECTION

THESE
MATERIALS
ARE
RARE

MAGNETIC DOMAINS

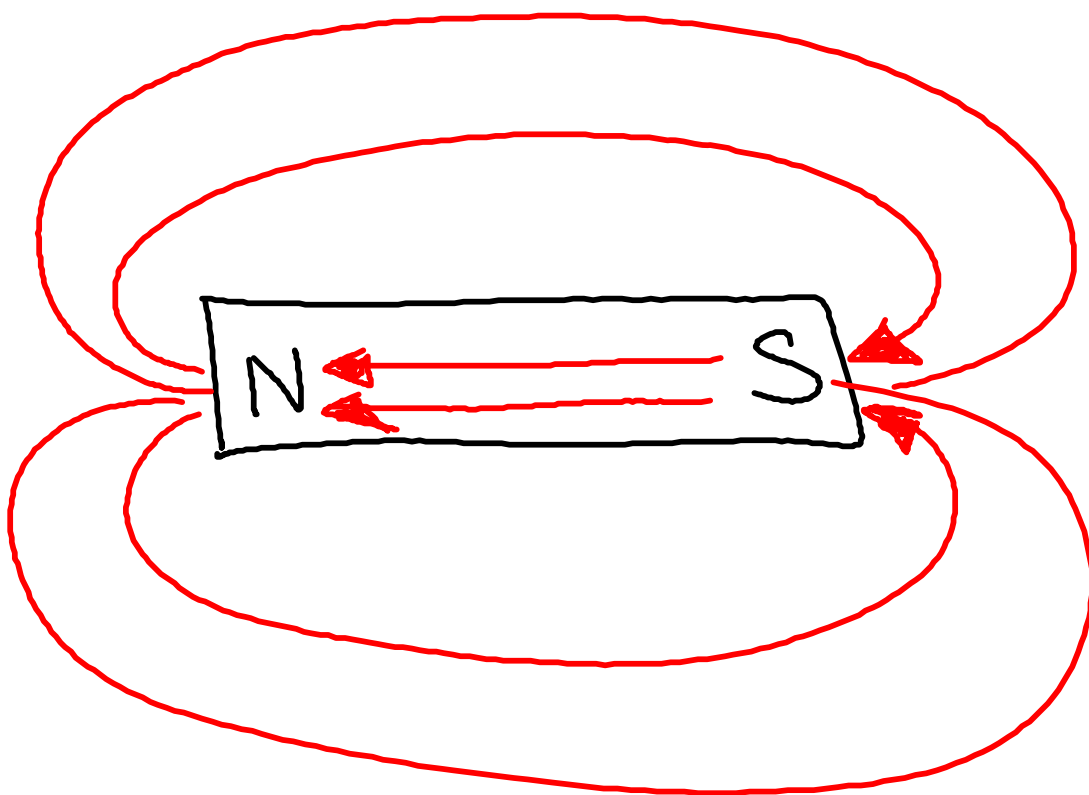


WHEN ALL ATOMS WITH MAGNETIC
FIELDS ARE NOT FACING THE
SAME DIRECTION, THE MATERIAL IS
NOT MAGNETIC

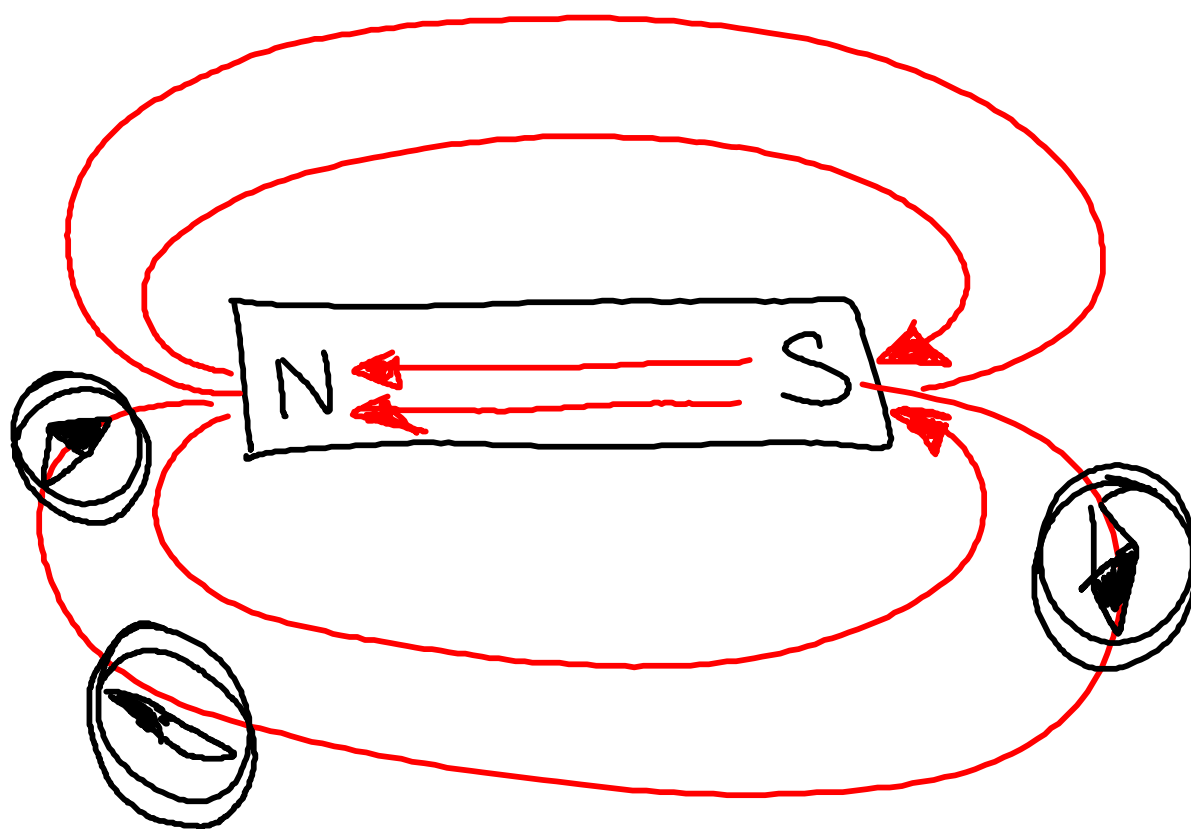


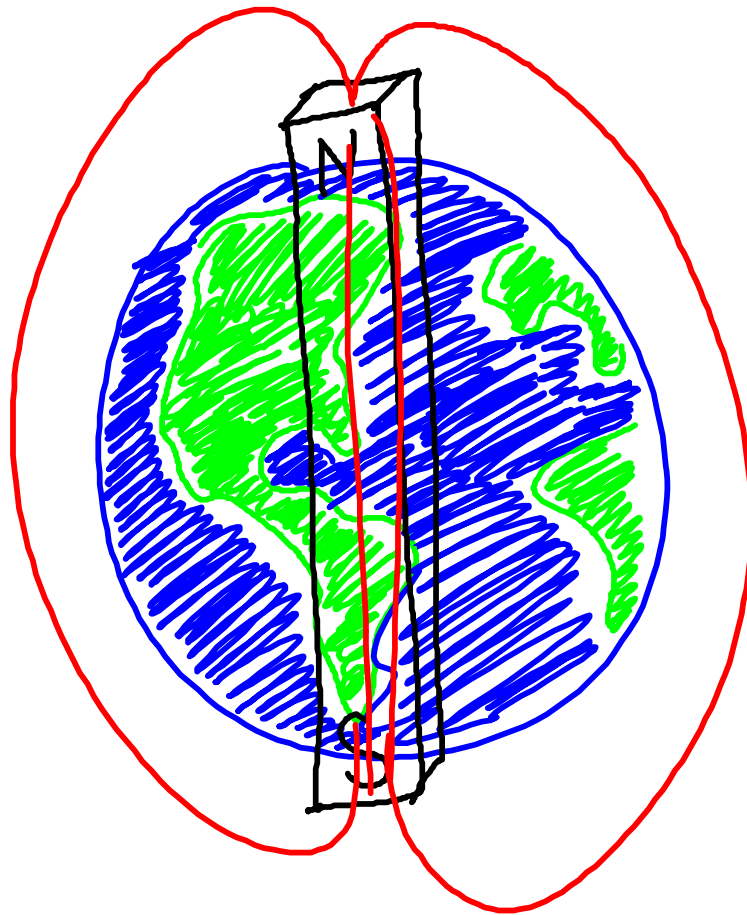
WHEN MAGNETIC DOMAINS ALL LINE
UP THE SAME WAY, THE MATERIAL IS
MAGNETIC

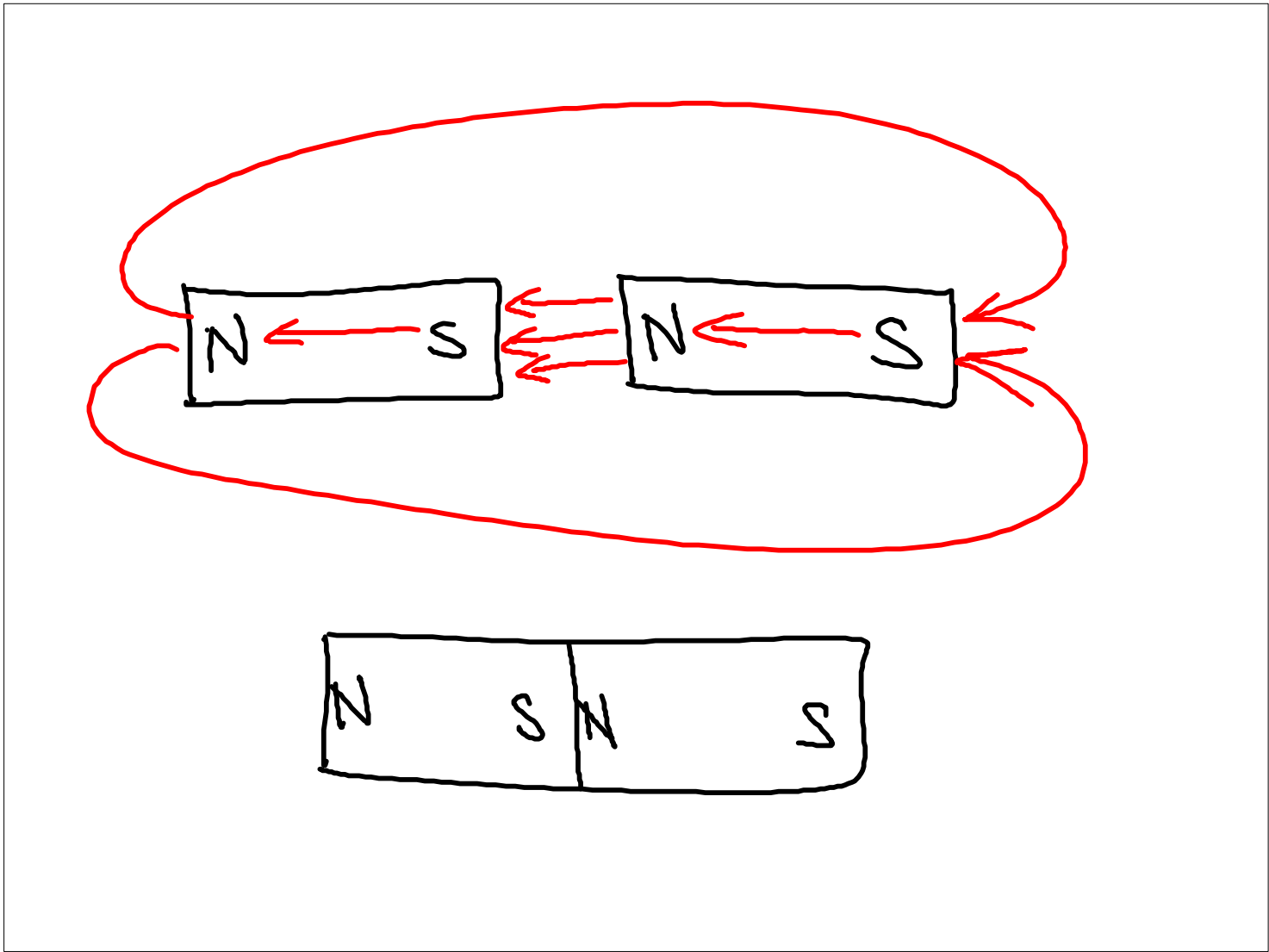
MAGNETIC LINES OF FORCE

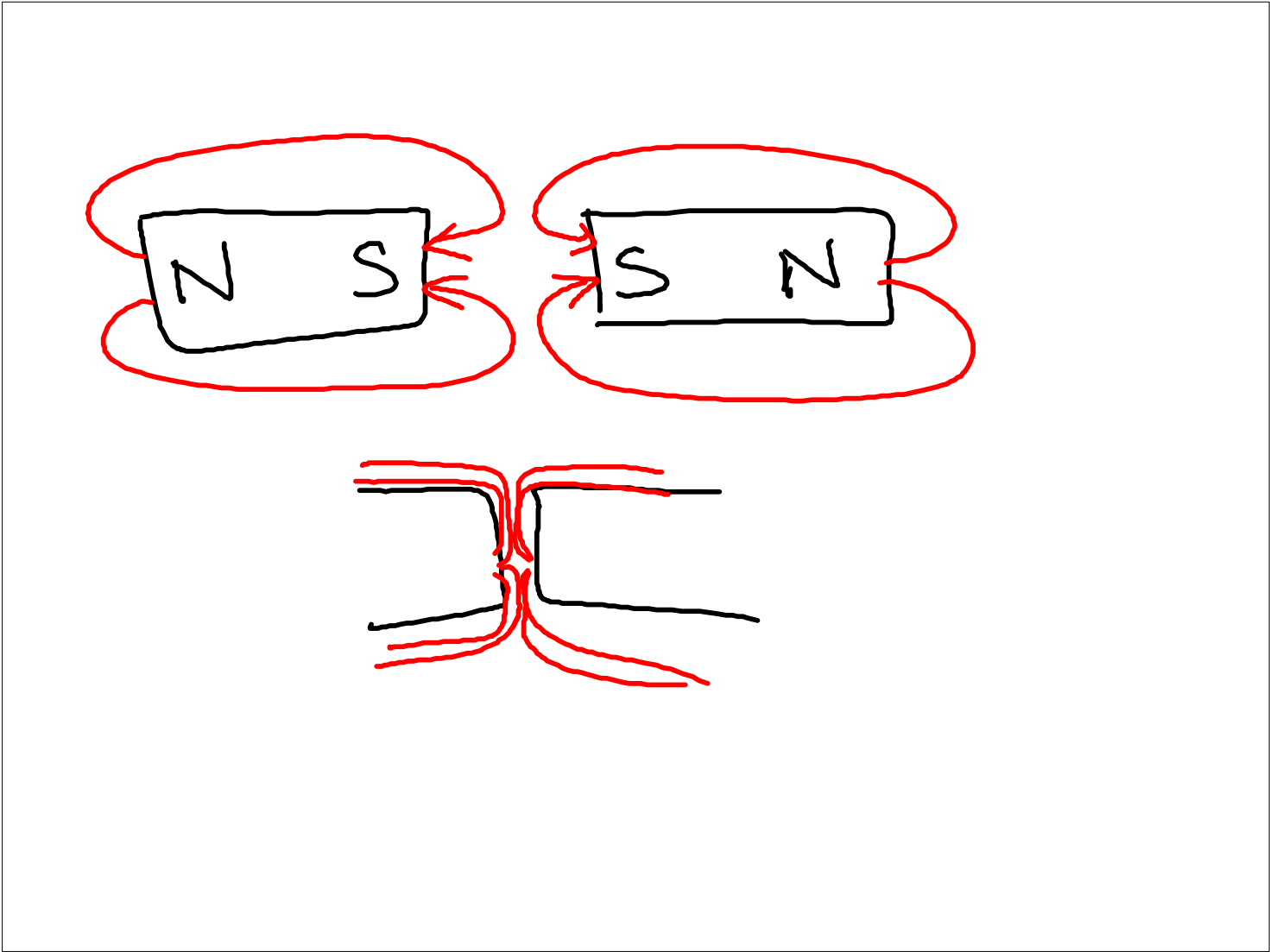


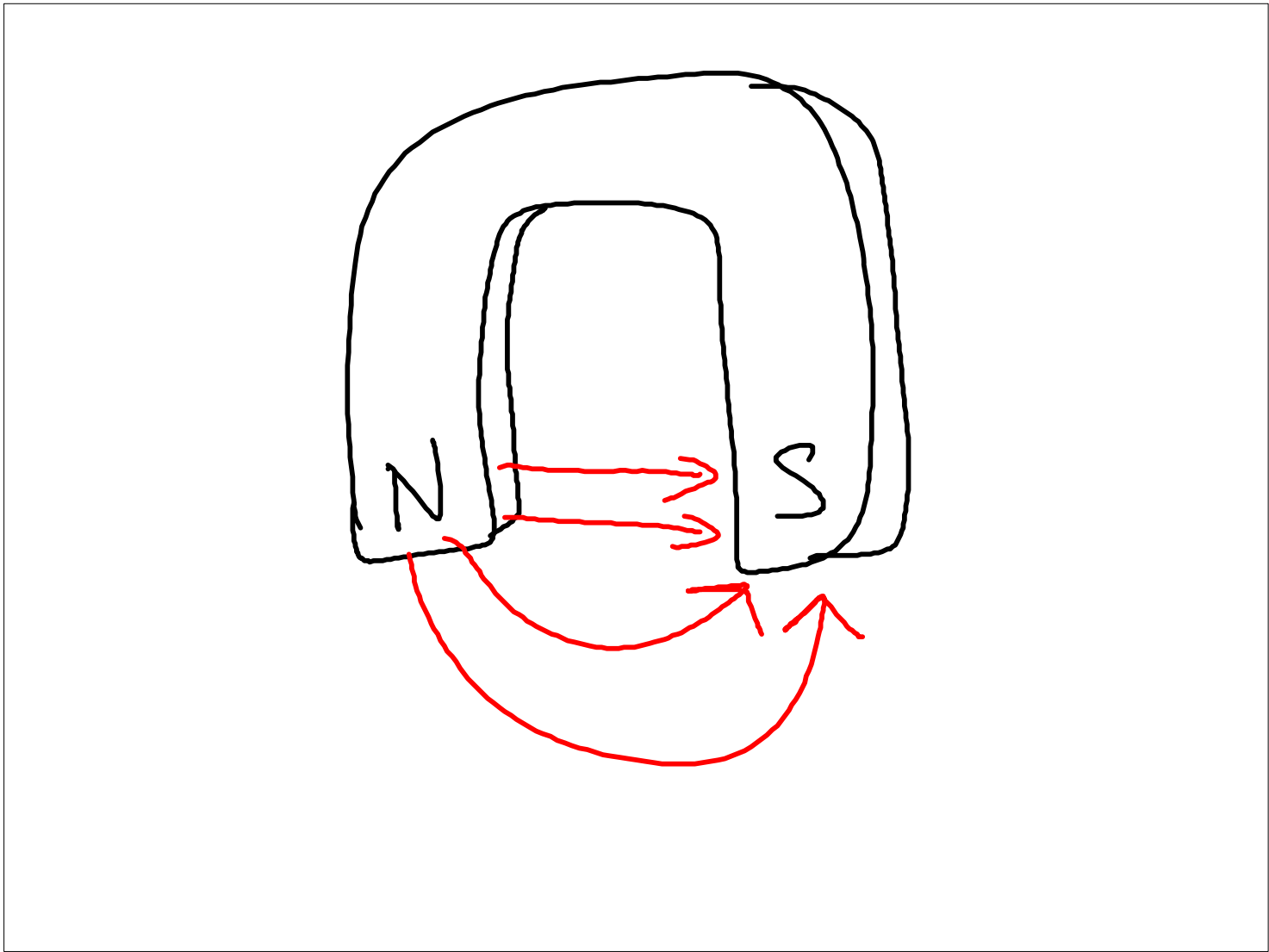
MAGNETIC LINES OF FORCE







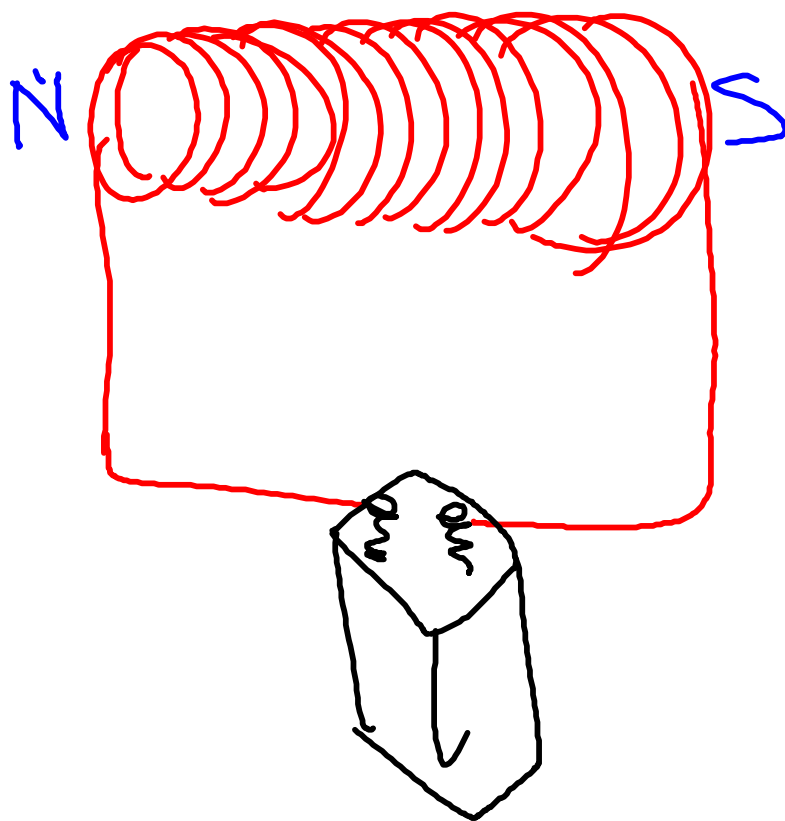


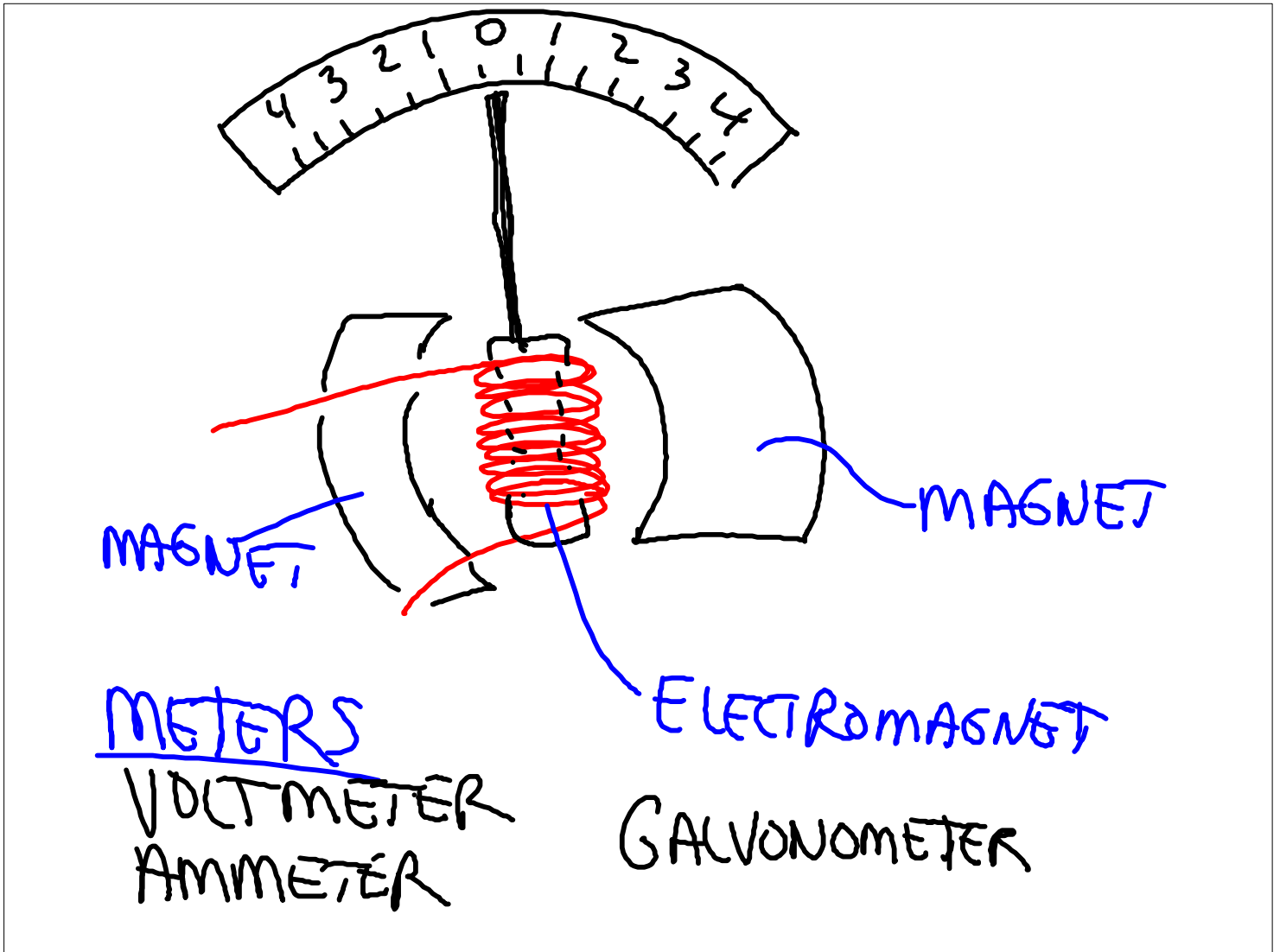


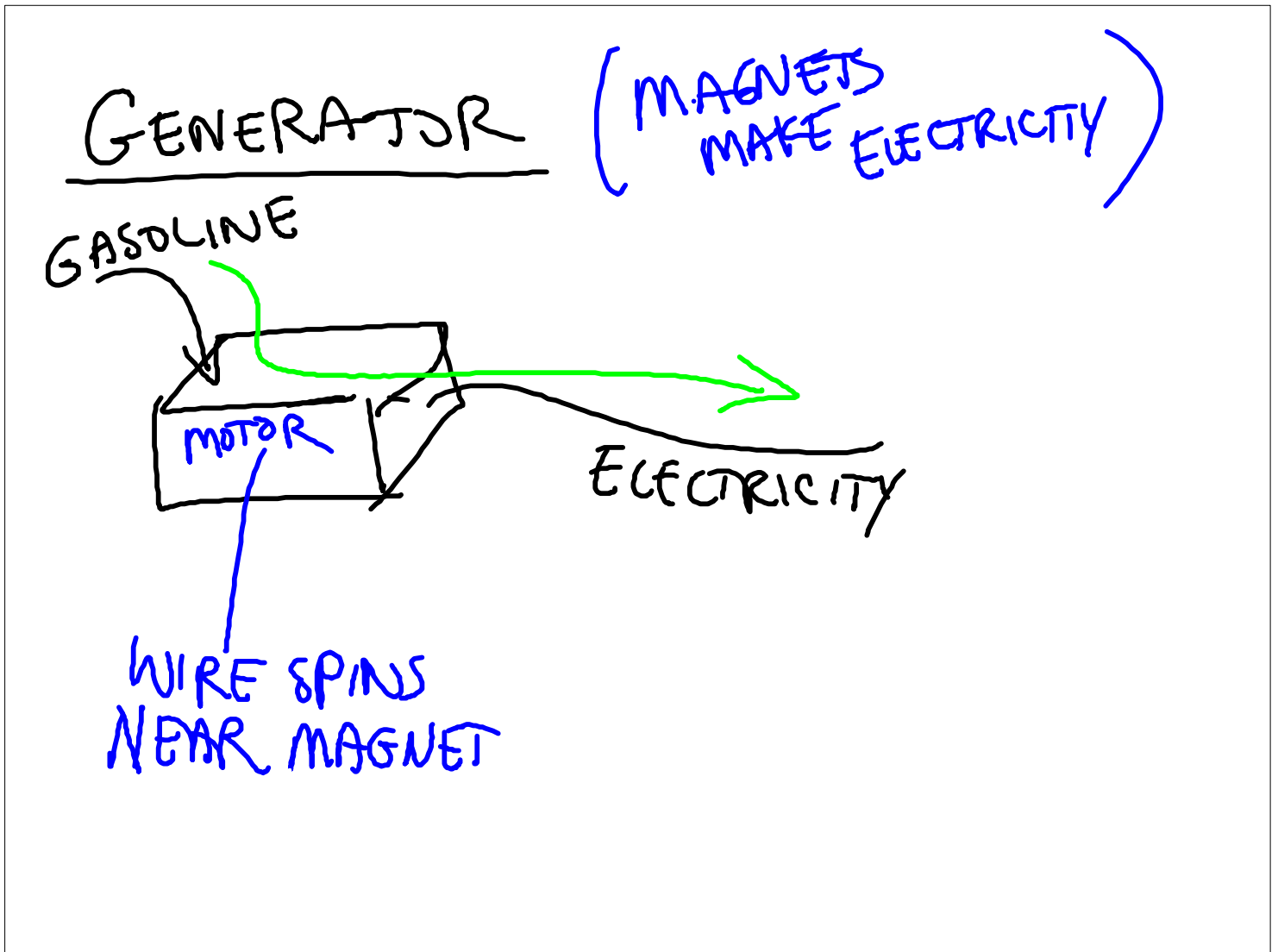
MAGNETS MAKES ELECTRICITY

ELECTRICITY MAKES MAGNETS

ELECTROMAGNET







ELECTRIC MOTOR

ELECTRICITY MAKES A MOTOR TURN
FANS
ELECTRIC CARS
DRILL (POWER TOOLS)

DIRECT CURRENT

OUT OF BATTERIES

DC

ALTERNATING CURRENT (AC)

COMES FROM GENERATORS.

LIPA