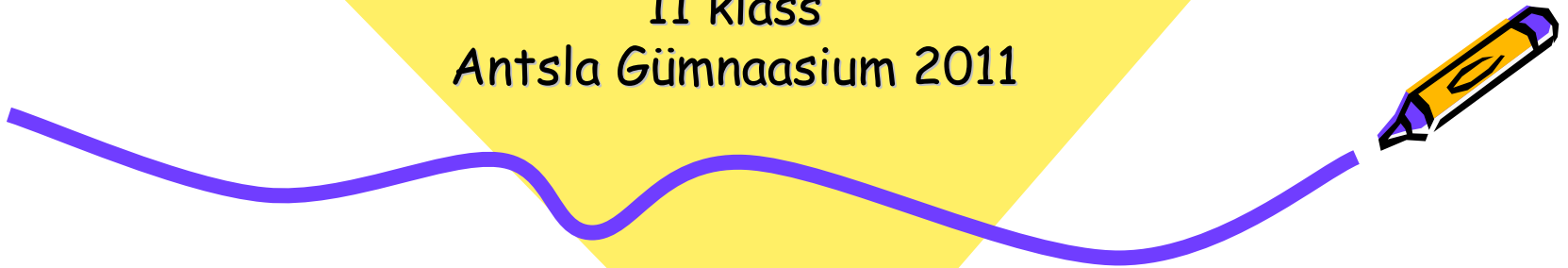


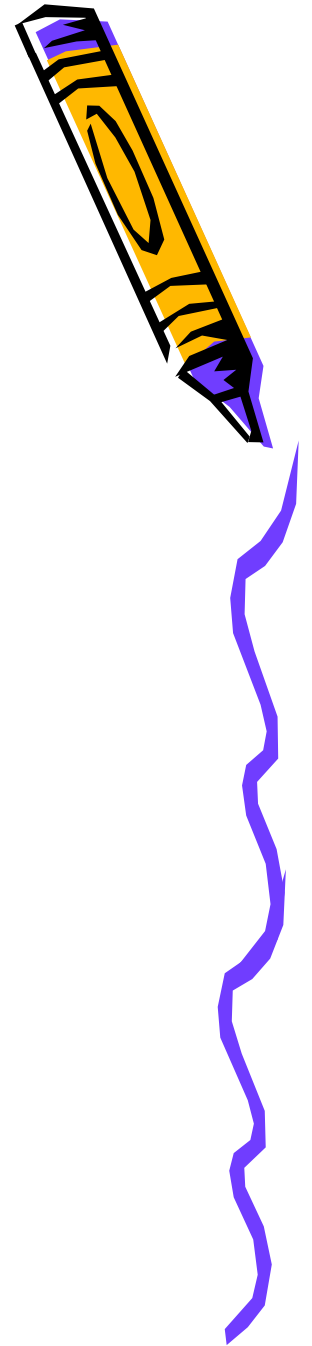
Püsimagnet

Füüsika
11 klass
Antsla Gümnaasium 2011



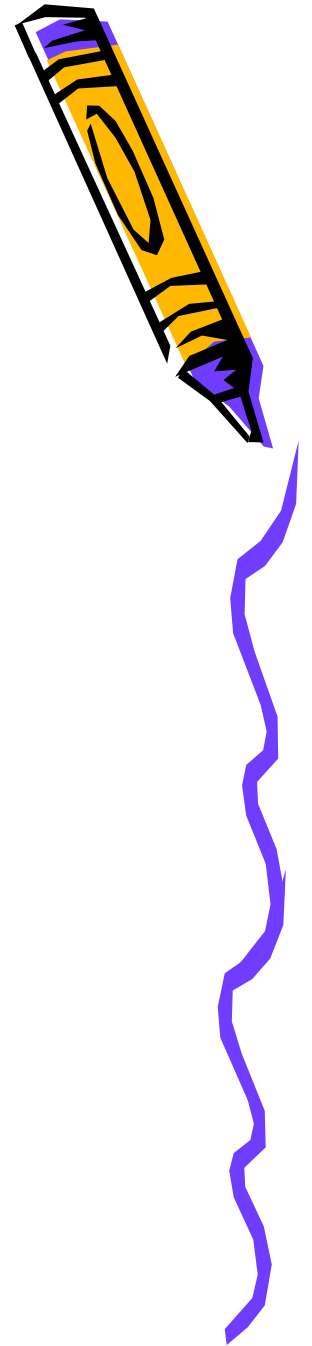
Tunnis

- + Saad teada, mis on püsिमagnet
- + Uurime, mitu poolust on magnetil.
- + Vaatleme, mis põhjustab magneti demagneetumist.
- + Uurime, kuidas kaks magnetit mõjutavad teineteist.



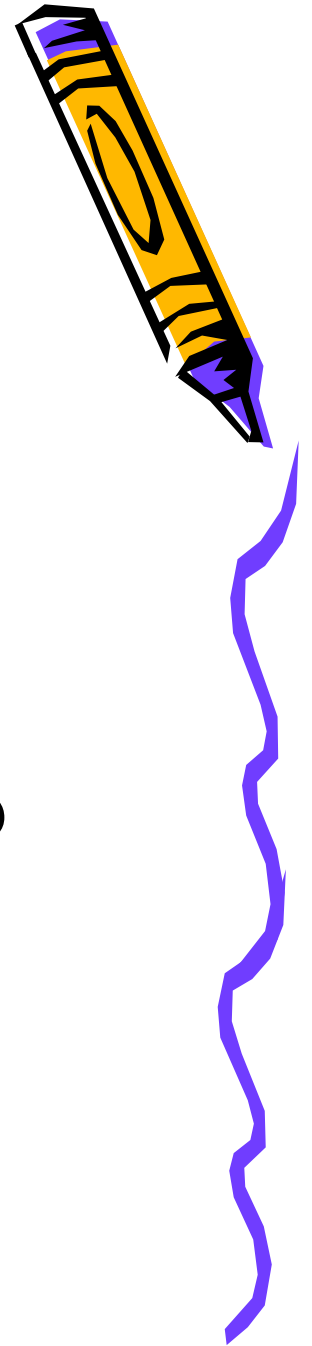
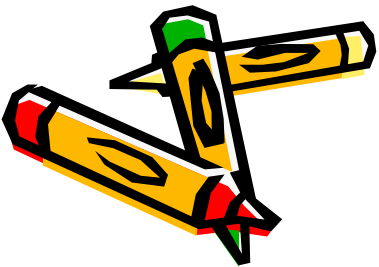
Arutlus

- Kus Sina oled kasutanud magnetit?
- Kus magneteid kasutatakse?



Elektrivoolu toimed:

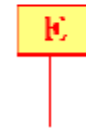
- ✿ soojuslik
- ✿ magnetiline
- ✿ keemiline.
- ✿ Millisel elektrivoolu toimel põhineb galvanomeetri tööpõhimõte?



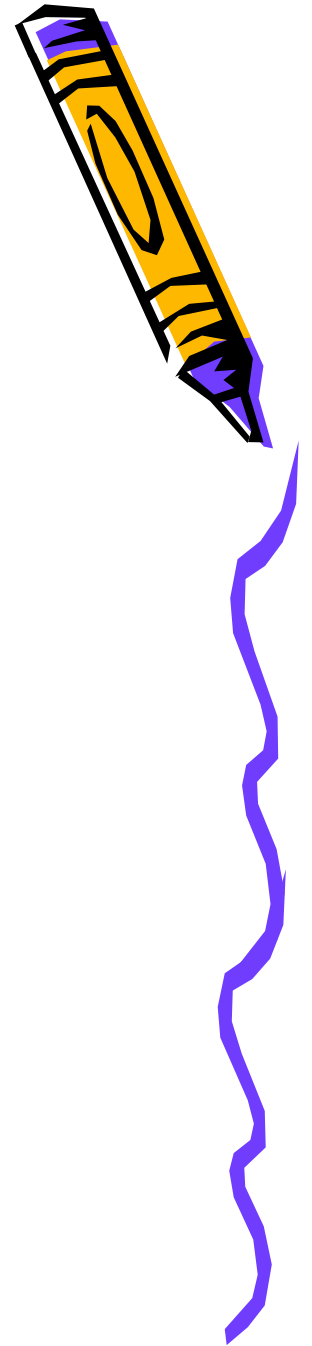
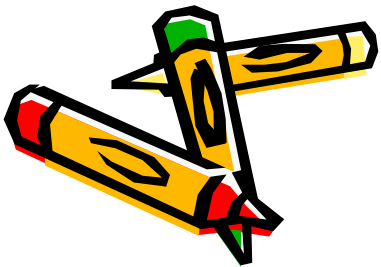
Elektriväli



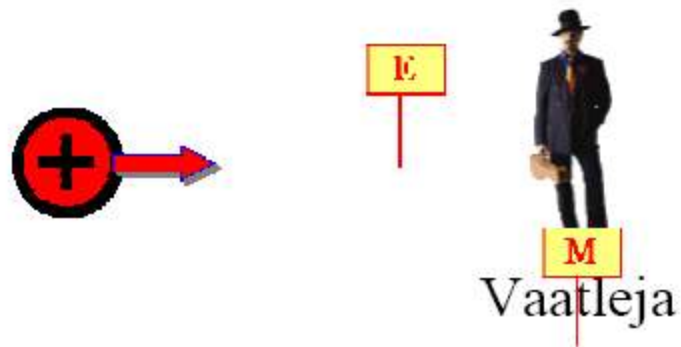
Vaatleja



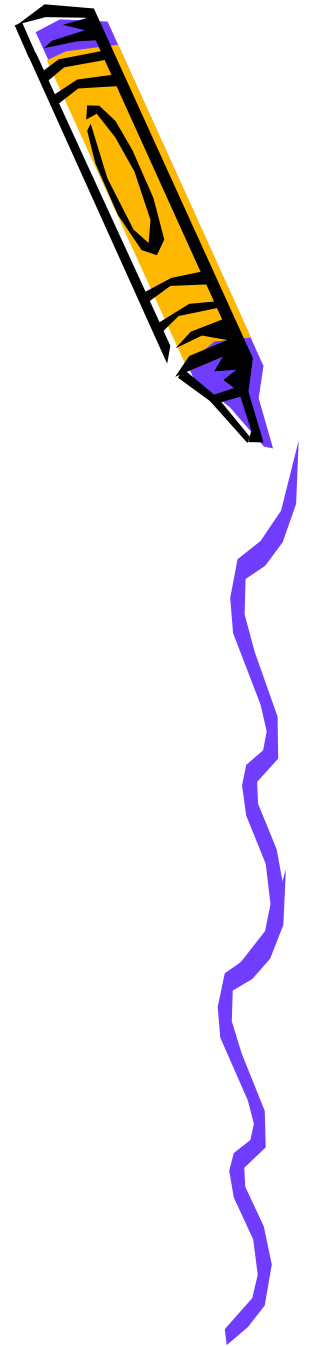
Paigalseisev vaatleja
registreerib
elektrivälja olemasolu



Magnetväli

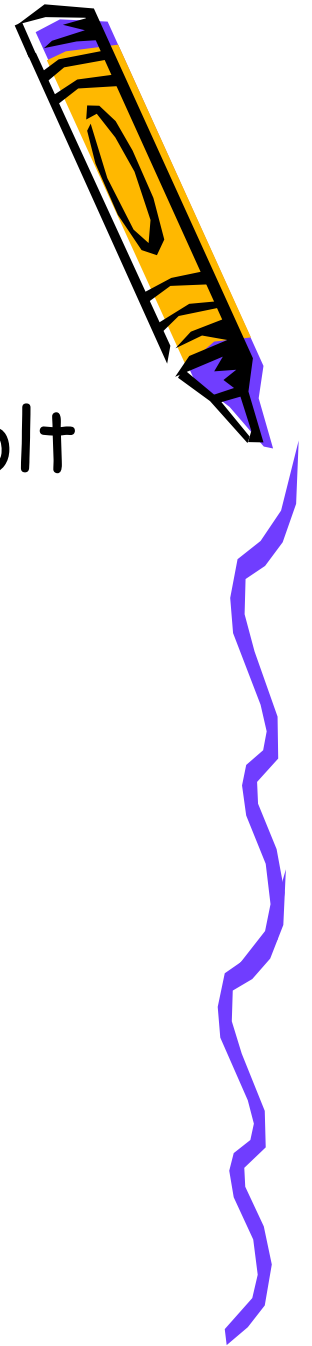


Liikuv laeng tekitab lisaks elektriväljale
vaateleja jaoks ka magnetvälja



Elektriväli ja magnetväli

- Magnetväli- liikuva laetud keha poolt tekitatud väli.
- Elektrivälja muutumine tekitab magnet-välja.



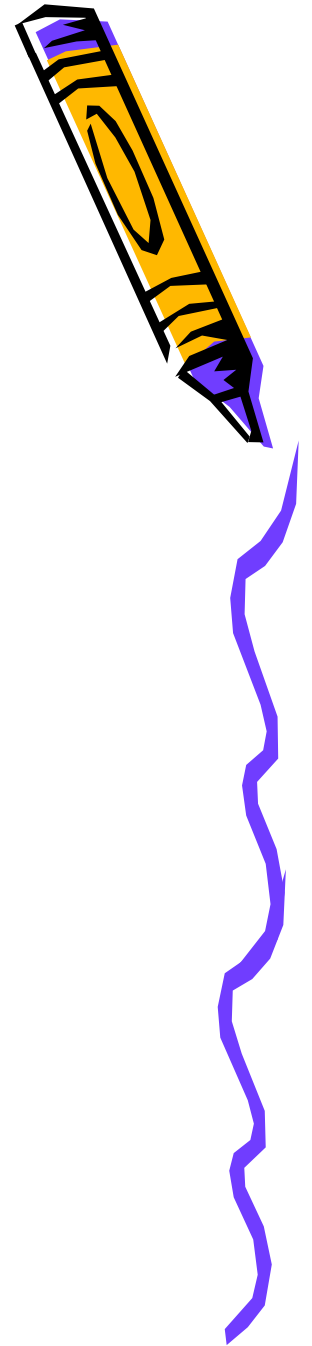
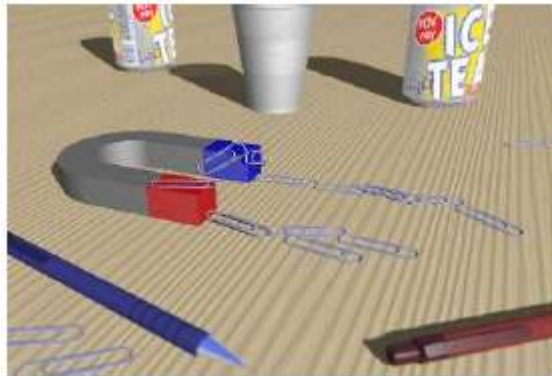
Püsिमagnet

- Püsिमagnet - keha, mida alati ümbritseb elektriväli.
- Erineva kuju ja suurusega.

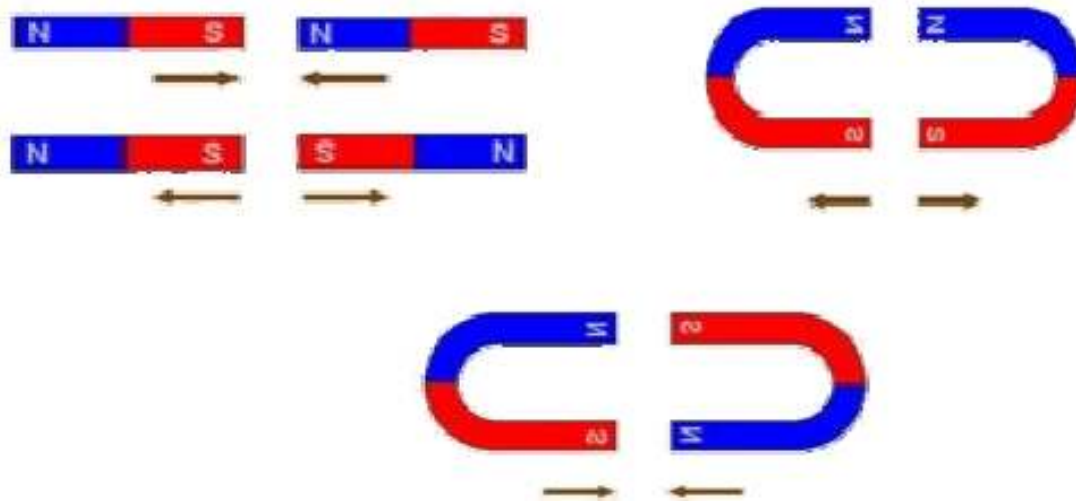


Püsimagneti omadus

Püsimagnetil on omadus metall-
esemeid ligi tõmmata, sh. ka raua-
puru.

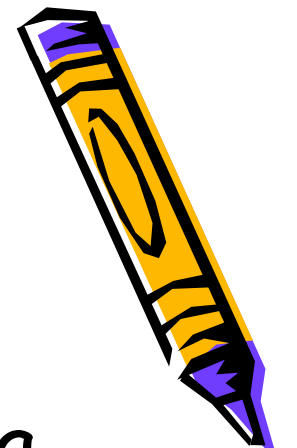
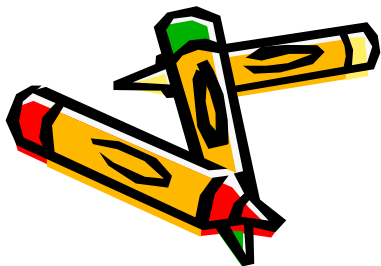
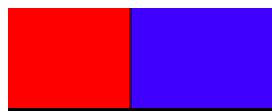
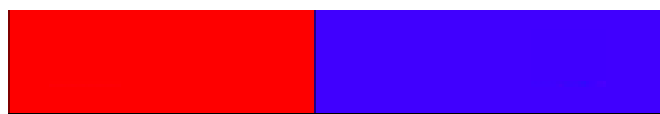


Magneti põhja - ja lõunapoolus
Püsिमagneti erinimelised poolused
tõmbuvad, samanimelised tõukuvad



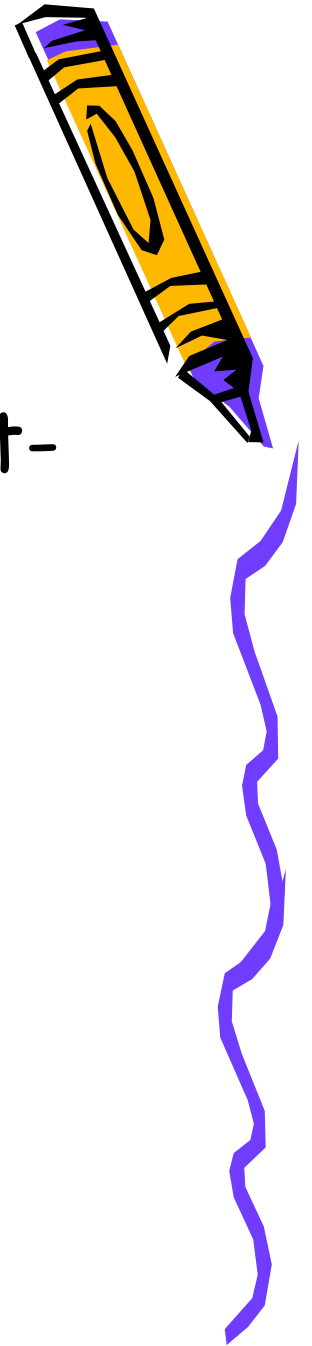
Püsिमagnetі poolitamine

Püsिमagnetі poolitamise tulemusena saame kaks uut püsिमagnetit, millel on olemas mõlemad poolused.



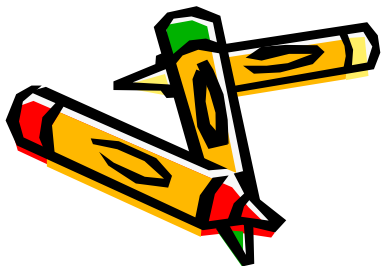
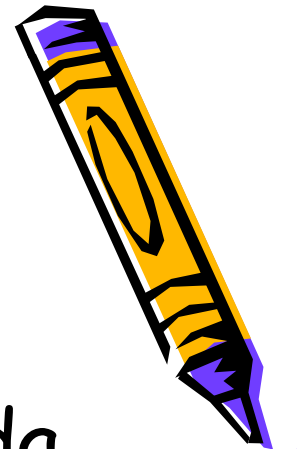
Magnetvälja jõujoonte määramine

Rauapuru abil saab määrata magnet-
välja jõujooni.



Tunnist said teada:

- Püsिमagnet - keha, mis tõmbab enda poole metallist esemeid
- Magnetil on paarisarv poolusi.



Täna tähelepanu eest!!!
Edukat õppimist!!! 😊😊😊

