

1.2. Magnetic dog

Aim: to investigate that there are two kinds of magnetic poles.

Apparatus: from the Low-Tech kit you will need:

- two strong magnets,
- stand,
- string about 1 meter long.



Photo 1. The set – up.

Procedure:

Take a stand, a metal plate and two strong magnets. Fix the metal plate to the stand (as it is shown upper). Then put one strong magnet on the metal plate. The second magnet put into foil bag. Take string and bind the foil bag. Close the first magnet that is in a foil bag to the magnet which is fixed to the stand. Try to move the first magnet. What happens? The magnet goes back for its place.

Explanation:

Between two magnets acts a magnetic force. One is an attracting force and one is a repelling force. These two strong magnets attach because magnets are closed with the opposite poles.