



Experiment S-13 Magnets

Objectives

- To learn about basic properties of magnets.
- To study how different poles have different magnetic field values.

Description

In this experiment you will measure the magnetic field strength at different poles, using two different magnets.

You will need:

- Two types of bar magnets
- A ruler

The equipment is included in the Panda's Accessories kit



Instructions

- Observe your NeuLog Panda and click on the icon on the top left of the screen; pick the "Magnetic" option (if it is not already selected).
- Press on the ^{III} or the ^{III} icon that appears on the right side.
 Press on the "X axis" option.
- Measure the magnetic field at each side of the first bar magnet (as in the picture); the length between the magnet and the ruler should be 10 cm. Write the magnetic field values in the circles in the next page.
- Measure the magnetic field at each side of the second bar magnet (as in the picture); the length between the magnet and the ruler should be 10 cm. Write the magnetic field values in the circles in the next page.

