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Product Name :

Magnets Kit

Product Code :

SLE/EAM/39



Description :

The **Magnets Kit** (Product Code: SLE/EAM/39) is a small-group magnetism experiment kit, from our range of school physics lab equipment in India, that helps students discover how magnetic force behaves through their own investigations. Working from the included Teacher's Guide, a group of up to five students sorts materials into magnetic and non-magnetic, finds out what attracts and what repels, tests whether magnetic force passes through solids, and watches how a compass responds to a magnetic field. Primary and middle school science teachers use it for inquiry-based lessons, and it is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala.

Key Details

Parameter	Detail
Type	Student magnetism experiment kit
Experimentscovered	Classifying magnetic and non-magnetic materials; attraction and repulsion; magnetic force through solids; how compasses react to a magnetic field; and more
Supplied as	Teacher's Guide plus material for five students
Suitable for	School science lessons on magnetism, group work and demonstrations

Typical Use

A typical lesson begins with prediction: students guess which everyday objects a magnet will pick up, then test them and record the results in two columns. They go on to bring magnet ends together to feel attraction and repulsion, and to place sheets of paper, card or thin wood between a magnet and a paper clip to see that magnetic force acts through many solids. Bringing a magnet near a compass and watching the needle swing links the idea of a magnetic field to navigation.

Because the material is sized for five students, one kit serves a single working group; teachers usually buy several so a whole class can rotate through the same investigation. As a science kit for students it encourages careful observation and fair testing. Keep magnets away from phones, cards and the compass when stored, and return them to their packing after each lesson so their strength is preserved.

Manufacturer

This kit is made under the ScienceLab name by Jain Scientific Equipments Private Limited of Ambala, Haryana, a company producing physics, electricity and magnetism apparatus for education. Its equipment reaches schools and colleges in India and international markets; see the company profile for more.

Related Electricity & Magnetism Equipment

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