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Product Name :

Ice Melting Kit

Product Code :

SLE/H/09



Description :

Ice Melting Kit (Product Code: SLE/H/09) is a surprising demonstration of thermal conductivity built around 2 identical-looking squares. Place a piece of ice on each: on one square the icestarts melting immediately, while on the other it remains unchanged. The puzzle grabs students' attention and leads straight into a discussion of how heat moves through materials, making it a memorable hands-on science kit for primary and middle school. It is made by a physics instruments supplier in India, **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala.

Key Details

Parameter	Detail
Type	Conductivity demonstration kit
Contents	2 identical squares
Effect shown	Ice melts immediately on one square and remains unchanged on the other
Needed, not included	Ice
Suitable for	Classroom demonstrations and small-group enquiry on heat conduction

Typical Use

Before adding ice, ask students to touch both squares and say which one feels colder. Most will pick one of them, even though both have been sitting in the same room at the same temperature. Then set an ice cube on each square at the same moment. The ice on the square that felt colder begins to melt at once, because that square conducts heat from the room into the ice quickly; on the other square, which conducts poorly, the ice hardly changes. The same idea explains why that square felt colder — it was drawing heat out of fingers faster.

Use the result to challenge the common idea that some materials are "naturally cold", and link it to real examples like metal railings in winter or a tiled floor versus a carpet. For a stronger lesson, let groups record how long the ice takes to disappear on each square and write their own explanation before the teacher reveals it. Wipe the squares dry afterwards. It is an easy, low-mess addition for teachers building a science kit for students in India.

Manufacturer

ScienceLab is the trading identity of Jain Scientific Equipments Private Limited, an Ambala, Haryana maker of classroom demonstration kits and laboratory apparatus. Schools and distributors in India and international markets buy from its range; the company profile has the background.

Related Laboratory Equipment

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