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Product Name :

Mineral Study Kit

Product Code :

SLE/GG/08



Science Lab

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Description :

The **Mineral Study Kit** (Product Code: SLE/GG/08) brings together 15 important minerals as number-coded, 1-inch specimens that learners can handle, test and study one by one. The set ranges from soft talc and three forms of gypsum to magnetite, metallic pyrite and milky quartz,and it can also be added to an existing rock and mineral collection. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, for geography, earth science andchemistry classrooms.

Specifications

Parameter	Detail
Number of minerals	15 specimens
Specimen size	1 inch
Identification	Number-coded specimens
Purpose	Handling, testing and learning about each mineral; can be added to any rock and mineral collection

The 15 specimens in the kit:

- Fluorite
- Feldspar – Microcline
- Hematite
- Mica – Muscovite
- Magnetite
- Mica – Biotite
- Graphite
- Gypsum – Alabaster
- Talc
- Halite
- Gypsum – Satin Spar
- Gypsum – Selenite
- Pyrite
- Milky Quartz
- Calcite

Typical Use

Students work through simple property tests on each numbered specimen. Scratch tests compare hardness — talc is the softest mineral on the Mohs scale, while quartz is hard enough to scratch glass. A streak test on an unglazed plate shows that hematite leaves a reddish-brown streak even when the specimen looks dark, and a small magnet picks out magnetite straight away.

The two micas peel into thin flexible sheets, a clear example of cleavage; graphite marks paper, which explains its use in pencils; and the three gypsum forms — alabaster, satin spar and selenite — show how one mineral can look very different. Calcite's reaction with dilute acid is best shown by the teacher. Because the specimens are number-coded, teachers can run blind identi
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