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Product Name :

Investigating The Chemical Composition Of Minerals

Product Code :

SLE/ES/10



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Description :

Investigating The Chemical Composition Of Minerals (Product Code: SLE/ES/10) is a mounted-specimen project that explains how the predominant elements of the Earth's crust combine into the "recipes" for minerals. Real minerals from seven chemical families (silicate, sulfate, sulfide, oxide, halide, carbonate and native element) are mounted on an 18 in x 24 in chart, wood framed on a sturdy backing, and the product listing also includes 10 additional rocks and charts. It links chemistry and earth science teaching and is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory equipment supplier in India.

Specifications

Parameter	Detail
Type	Mineral chemistry chart with mounted specimens
Mineral families mounted	Silicate, Sulfate, Sulfide, Oxide, Halide, Carbonate andNative element
Chart size	18 in x 24 in
Construction	Wood framed on sturdy backing
Additional items listed	10 additional rocks & charts
Teaching focus	Relationship between crustal elements and mineral composition

Typical Use

The display lets a teacher move from the list of elements that dominate the crust to the minerals built from them. Students look at each mounted family, note which element or group (for example sulfate, carbonate or oxide) defines it, and compare the appearance of minerals that share an anion. Native elements provide a useful contrast because they occur uncombined. A worksheet asking students to write the family, likely elements present and one visible property for each mineral turns the chart into an active exercise.

It pairs well with a periodic table chart in Indian school labs, helping chemistry students see that the symbols and formulas they learn describe real materials underfoot. Hang the frame away from damp walls and direct sunlight, and discourage handling of the mounted specimens; dust gently with a soft brush when needed.

Supplier

ScienceLab, the brand of Jain Scientific Equipments Private Limited in Ambala, Haryana, supplies this mineral display to schools and colleges as part of its earth science and chemistry teaching range. Company background is on our company profile.

Related Earth Science Equipment

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