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Product Name :

Variation And Evolution Fossil Kit

Product Code :

SLE/ES/08



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Description :

The **Variation And Evolution Fossil Kit** (Product Code: SLE/ES/08) introduces students to intraspecific and interspecific variation using real measurement data. Fifty fossil brachiopods are imbedded in reproduction plastic rocks, and learners use calipers and rulers to record their internal and external dimensions, then compare the numbers within and between species. With reproduction rock formations and a Teacher's Guide included, it works as a biology experiment kit for students studying evolution, and is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala.

Specifications

Parameter	Detail
Fossil specimens	50 fossil brachiopods
Mounting	Imbedded in reproduction plastic rocks
Also included	Reproduction rock formations
Measuring tools	Calipers and rulers
Measurements taken	Internal and external dimensions
Concepts covered	Intraspecific and interspecific variation
Teaching material	Teacher's Guide

Typical Use

Students divide the brachiopods between groups, measure agreed dimensions such as shell length and width with the calipers, and enter the results in a shared class table. Plotting the values as a histogram shows that even individuals of one species are not identical (intraspecific variation), while comparing the spread of two species shows how distinct forms differ (interspecific variation). The discussion then turns naturally to natural selection: which variations might have mattered to a brachiopod living on the sea floor, and how would they be preserved in the fossil record?

The kit sits comfortably among school biology lab equipment in India for evolution and statistics-in-science units, and it also reinforces good measuring technique. Remind students to zero the calipers before each reading, measure every specimen twice, and handle the plastic rocks without twisting so the fossils stay firmly seated.

Supplier

This kit is supplied by Jain Scientific Equipments Private Limited, the Ambala, Haryana company that trades as ScienceLab and serves biology, geography and earth science departments with teaching resources. The company profile gives an overview of the business.

Related Laboratory Equipment

Usefu