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Product Name :

Geology History Kit

Product Code :

SLE/GG/11



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Description :

Geology History Kit (Product Code: SLE/GG/11) lets students recreate geologic processes by building their own stratified layers from Pleistocene clay, then shaping and cutting them to see how rock strata record the history of a landscape. The kit brings 4 packs of clay, a roller, a cutting tool, plastic sheets and a Teacher's Guide together in one kit, making it a practical hands-on science kit for geography and earth science lessons on sedimentation, folding and faulting. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a school laboratory equipment supplier in India, for schools and teacher-training institutes.

Specifications

Parameter	Detail
Modelling material	Pleistocene clay, 4 packs
Roller	1
Cutting tool	1
Work surface	Plastic sheets included
Teaching support	Teacher's Guide included
Purpose	Recreating geologic processes by preparing stratified layers

Typical Use

Working on the plastic sheets, students flatten clay with the roller into thin slabs and stack them one on another, just as sediments settle in a lake or sea over thousands of years. Once a stack is built, they can push the ends inward to model folding, slice through it with the cutting tool to create a fault, or trim the top and lay fresh slabs over it to show an unconformity. Cutting a clean vertical section then exposes the "rock record" so the class can apply the principle that lower layers were laid down first.

With the Teacher's Guide to hand, the model-making format suits both demonstrations at the front of the class and small-group work. Keep opened clay wrapped between lessons so it stays workable, and wipe the roller and cutting tool before storing them in the kit.

Manufacturer

ScienceLab is the brand name used by Jain Scientific Equipments Private Limited, a manufacturer of teaching and laboratory equipment located in Ambala, Haryana. The company develops geography and science kits for classrooms and supplies them to institutions throughout India and to international markets. Visit the ScienceLab profile to learn about the company.

Related Geography Lab Equipment

Teachers often combine this kit with the following resources on rock layers and earth history:

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- [illegible] the
- [illegible] ithin