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Product Name :

Vertebrate Fossil Dig

Product Code :

SLE/ES/07



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Description :

The **Vertebrate Fossil Dig** (Product Code: SLE/ES/07) gives students in grades 6-12 the experience of a realistic excavation. Genuine vertebrate fossils are encased in a sediment similar to that of their natural location, and learners uncover them with a digging tool and brush, just as a field team would, before examining the results under a magnifying glass. A guide accompanies the kit to structure the activity. It is one of the high school science kits supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, to schools and colleges.

Specifications

Parameter	Detail
Specimens	Genuine vertebrate fossils
Dig matrix	Sediment similar to the fossils' natural location
Tools included	Brush, magnifying glass and digging tool
Teaching material	Guide
Grade level	Grades 6-12

Typical Use

Unlike picking fossils out of loose gravel, this dig asks for patience: students remove the sediment a little at a time with the digging tool, sweep the loosened grains away with the brush, and stop to examine what is emerging under the magnifying glass before going deeper. Encourage them to photograph or sketch the fossil at each stage and to note its orientation in the block, which introduces the idea that position in the rock is itself evidence. Senior students can go further and discuss what kind of animal the bone or tooth came from and how it became buried.

Because the work is slow and careful, the kit suits a series of short sessions or a club project, and it can form the basis of a science fair project kit display showing each stage of the excavation. Work over a tray to collect debris, keep the brush strokes light near exposed fossil surfaces, and consider safety glasses while chipping at the sediment.

Supplier

ScienceLab is the trading name of Jain Scientific Equipments Private Limited, headquartered in Ambala, Haryana, which supplies specimen kits such as this dig alongside its laboratory equipment range. Buyers completing vendor registration can quote the company's CIN U29309HR2020PTC087597 and GSTIN 06AAECJ8618A1ZT. See the company profile for more.

Related Earth Science Equipment

Resources that build on a vertebrate excavation:

- Fossil Hunt Kit — a quicker gravel-based dig that works as a warm-up activity
- Geology History Kit — students build stratified layers to see how sediments bury remains

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