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Product Name :

Horse Forelimb Skeleton

Product Code :

SLE/A/120



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Description :

An articulated forelimb of an adult horse in natural bone, held on a steel support rod above a square wooden base. The hoof capsule is mounted separately on the base and lifts off, so students can set the outer hoof beside the bones it once enclosed. The mount measures around 13 x 51-1/2 in.

Horse forelimb mount specifications

Parameter	Detail
Material	Natural bone
Specimen	Adult horse forelimb, articulated
Size	Around 13 x 51-1/2 in. (about 33 x 131 cm)
Base	Square wooden base, 11-1/4 x 11-1/4 in. (about 28.6 x 28.6 cm)
Support	Steel support rod
Hoof capsule	Mounted separately on the base, removable for close examination
Product code	SLE/A/120
Minimum order	10 units
Dispatch	Usually within 7 to 10 working days
Supplied by	ScienceLab (Jain Scientific Equipments Pvt Ltd), Ambala, India

Osteology exercises with the horse forelimb

Naming the bones. Working down the mount, students label the humerus, the radius with its reduced ulna, the two rows of carpal bones, the cannon bone with a splint bone on each side, and the three phalanges. They then find the paired sesamoid bones behind the fetlock.

Homologous limbs. Stand the horse limb beside a bat skeleton, a pigeon skeleton and the arm of a rod-supported human skeleton. Students colour-code matching bones on a worksheet and explain how one basic limb plan has been changed for running, flying and grasping.

Joints and stance. Students locate the elbow, the carpus that horse owners call the knee, the fetlock, the pastern joint and the coffin joint. For each one they note the direction it bends and relate the joint angles to how a horse stands and strides.

Hoof and coffin bone. Lift the hoof capsule off the base and hold it next to the end of the limb. Farriery and veterinary students compare the curve of the hoof wall with the shape of the coffin bone, then sketch both in side view. A comparison model of verte

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