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Product Name :

Starfish Model

Product Code :

SLE/A/111



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Description :

A three-part model of the starfish Asterias that shows its outer surface and internal anatomy. Three of the five arms are cut lengthwise to different depths. One keepsthe organs in place, one has the pyloric caeca and gonads removed to expose thewater vascular system, and one is dissected down to the nerve ring and radial nerve.A numbered key is included.

Starfish model specifications

Parameter	Detail
Species	Asterias (starfish)
Construction	Three-part model of internal and external anatomy
Size	53 x 35 x 31 cm
Sectioned arms	3 of the 5 arms in longitudinal section
Arm 1	Organs in their normal positions
Arm 2	Pyloric caeca and gonads removed to show ampullae and the ring canal
Arm 3	Fully dissected to show the nerve ring and radial nerve
Supplied with	Numbered key
Product code	SLE/A/111
Minimum order	10 units
Dispatch	Usually within 7 to 10 working days
Manufacturer	ScienceLab (Jain Scientific Equipments Pvt Ltd), Ambala, India

Echinoderm practicals with the starfish model

Dissection in stages. Students work along the three sectioned arms in order, as if dissecting deeper each time. For every arm they draw what is visible, label it from the numbered key and note which structures have been taken away compared with the arm before.

Tracing the water vascular system. Using the second arm, students draw a flow chart from the madreporite on the upper surface through the stone canal and ring canal to a radial canal, an ampulla and a tube foot. They then explain how squeezing the ampulla pushes the tube foot out.

Body plans and classification. Put the starfish next to the Hydra Model and compare symmetry, tissue layers and how the nervous system is laid out. Finish by placing both animals on the Classification of Living Things Poster and discussing why echi

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