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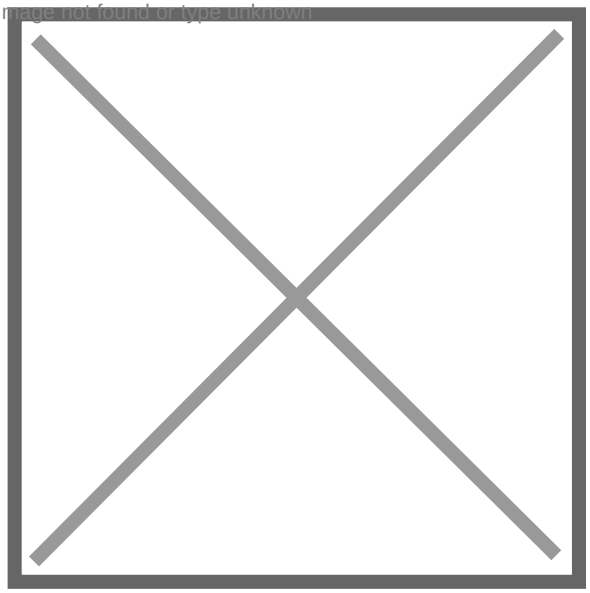
Product Name :

Dicotyledonous Flower Pattern

Product Code :

SCL157/1.21

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Description :

Dicotyledonous Flower Pattern (Product Code: SCL157/1.21) is a dissectible flower model that can be taken apart to show the pollen grains inside and to illustrate how pollination takes place in a dicot flower. Its important structures are numbered and matched to an identification key, so students move quickly from naming parts to explaining their role in reproduction. The model is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, for plant anatomyteaching in schools and colleges.

Specifications

Parameter	Detail
Type	Dicotyledonous flower model that can be disassembled
Size	250 x 350 mm
Material	Three-dimensional PVC moulding with non-toxic dye
Internal detail	Opens to reveal the pollen grains inside
Teaching focus	The process of pollination
Labelling	Important structures numbered, with a corresponding identification key
Mounting	Mounted on a stand

Typical Use

Start with the model assembled so the class sees the complete flower, then open it to expose the pollen grains and discuss how pollen reaches the stigma during pollination. Students use the identification key to name each numbered structure and then explain, in their own words, how pollen transfer leads to fertilisation and seed formation. The sequence suits lessons on sexual reproduction in flowering plants as well as practical-exam revision.

As a plant anatomy model it also supports comparison work: stand it beside a monocot flower model and ask learners to list every difference they can observe. When reassembling, fit the parts back gently in their original positions, and keep the model on its stand in a closed cupboard so dust does not settle on the detailed surfaces.

Manufacturer

ScienceLab is the trading name of Jain Scientific Equipments Private Limited (CIN U29309HR2020PTC087597), an Ambala, Haryana company that manufactures biology models and laboratory apparatus for education. Production takes place at the company's licensed factory at 449, HSIIDC Industrial Area, Saha, Ambala (Factory Licence AMB-ONLINE-CHD-J-414), from where orders are dispatched across India and to international markets. Visit the company profile for further details.

Related Laboratory Equipment

Items