

Prototyping Tray Bins for Individual Groups

DT Workshop Equipment Reference — D&T / STEM resource for school workshops | Workshop Furniture & Storage

Prototyping tray bins are portable divided trays that hold one group's parts, tools and materials during a project, keeping team work together and off the shared benches. They speed up lesson starts, end-of-lesson clear-up and stock control.

Key Features

- Divided compartments for parts and tools
- Stackable and nestable when empty
- Handles for carrying to work areas
- Labelled name card slots
- Durable plastic construction

Typical Uses in the Workshop

- Issue each team a complete parts tray
- Keep prototypes and components together
- Transfer work between benches and storage
- Run efficient lesson tidy-up routines

Safe Operation

1. Assign one tray per group with a name card
2. Stock the tray with the project parts list
3. Collect trays at lesson end and stack
4. Check trays are complete before storage
5. Refresh contents at project milestones

SAFETY NOTES

- Keep sharp items in the tray sections with lids
- Do not stack overloaded trays high
- Check handles for cracks
- Store trays on racks at reachable height
- Keep small parts away from young children

Maintenance & Consumables

- Wash trays between projects
- Replace cracked trays and handles
- Re-print name cards
- Do a stock check of tray contents
- Store empty trays nested

Specification & Buying Notes

Buy stackable divided trays with handles and card slots in a class-set quantity. Sizes around 400 x 300 mm suit most project kits. A rack keeps them tidy when stored.