

Sketchbooks and Technical Graph Paper Pads

DT Workshop Equipment Reference — D&T / STEM resource for school workshops | Design & Documentation

Sketchbooks give students a continuous surface for design development, while technical graph paper pads provide squared and isometric grids for accurate proportioned drawings. Both are the everyday paper stock of design and technology classes.

Key Features

- Sketchbooks A4 to A3, plain or squared
- Graph pads with 5 mm and 10 mm grids
- Isometric dot and grid pads
- Cartridge paper weights 90-120 gsm
- Spiral or hardback bindings

Typical Uses in the Workshop

- Develop design ideas and thumbnails
- Draw orthographic sketches to scale
- Use isometric grids for 3D views
- Record experiments and notes

Safe Operation

1. Set up the page with margins and title block
2. Sketch lightly, then refine the lines
3. Use the grid for proportion and scale
4. Label and date every page
5. Compile the best pages for portfolios

SAFETY NOTES

- Keep paper dry and flat
- Store pads flat to prevent curl
- Keep sketchbooks in bags or trays
- Do not tear pages from shared pads
- Keep pencils and rulers with the pads

Maintenance & Consumables

- Restock sketchbooks termly
- Store pads flat in the stationery cupboard
- Check grid alignment in pads
- Provide refill pages for portfolios
- Keep the drawing area tidy

Specification & Buying Notes

Stock A4 sketchbooks per student and pads of 5 mm square and isometric graph paper for technical drawing. Cartridge quality paper takes pencil and marker without bleed.