

Cutting Mats with Grid Lines

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

Gridded cutting mats combine a self-healing cutting surface with printed measurement grids, letting designers measure, square and cut models and drawings on one item. Sizes from A3 to A1 sit on every design desk.

Key Features

- Self-healing cutting surfaces
- Printed metric grids
- Sizes A3 to A1
- Angle guides and centre lines
- Double-sided colour options

Typical Uses in the Workshop

- Cut card and paper to size accurately
- Measure and draw with the grid
- Protect desks during model making
- Square up drawings and layouts

Safe Operation

1. Lay the mat flat on the desk
2. Align work to the grid lines
3. Cut with a craft knife on the mat
4. Rotate the mat to even out wear
5. Clean with a damp cloth

SAFETY NOTES

- Never cut toward your body
- Use a sharp blade - dull blades slip
- Keep solvents off the mat
- Replace mats when the surface stops healing
- Store flat

Maintenance & Consumables

- Wipe the mat after each session
- Rotate it to spread cuts
- Replace worn mats
- Keep mats flat under the desk
- Use cutting mats only for cutting

Specification & Buying Notes

A2 gridded mats suit most design rooms; A1 for display work. Lay-flat quality and printed grids matter. Buy a spare for the model-making area.