

Glass Cutters

DT Workshop Equipment Reference — D&T / STEM resource for school workshops | Hand Tools



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A glass cutter scores a line on glass with a hardened wheel, weakening the surface so the glass breaks cleanly along the score. Oil feed and carbide wheels give smooth scoring for glazing, craft and model work.

Key Features

- Carbide or steel scoring wheels
- Oil feed reservoirs
- Ball ends for tapping break lines
- Adjustable head depths
- Pocket and bench formats

Typical Uses in the Workshop

- Cut window glass to size
- Score craft glass for models and mosaics
- Break glass cleanly along lines
- Repair and replace panes

Safe Operation

1. Clean and dry the glass surface
2. Mark the cut line and apply cutting oil
3. Score once with firm, even pressure
4. Tap the underside along the score
5. Snap the glass over a straight edge

SAFETY NOTES

- Wear eye protection - glass fragments fly
- Handle fresh glass edges with gloves
- Do not score glass on bare benches
- Keep cutters away from hands
- Dispose of broken glass safely

Maintenance & Consumables

- Keep the wheel clean and oiled
- Replace worn wheels
- Store the cutter tip protected
- Clean the cutter after use
- Keep a straightedge with the cutter

Specification & Buying Notes

A carbide wheel cutter with an oil reservoir and a glass-cutting straightedge covers school glazing. Quality wheels score clean lines without chips.