

Digital Clock and Countdown Timers for Lab Sessions

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



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(Countdown_Digital_Clock_Tower_of_2009_Summer_Deaflympics_in_MRT_Zhongxiao_Fuxing_Station_Square_20090719.jpg)

Large digital clocks and countdown timers keep lessons, practical sessions and machine time visible and on schedule, with big wall-mounted displays students can read from the benches and countdown alarms for timed tasks.

Key Features

- Wall and bench displays
- Countdown and count-up modes
- Audible and visual alarms
- Battery and mains powered
- Large readable digits

Typical Uses in the Workshop

- Structure practical session time
- Time tests, builds and rotations
- Count down cleaning time
- Quick visibility of class time

Safe Operation

1. Set the local time on the clocks
2. Use countdown for task timing
3. Set alarms for rotation changes
4. Keep displays readable from benches
5. Reset the timers after sessions

SAFETY NOTES

- Mount wall clocks securely
- Keep leads and plugs safe
- Do not position timers over machinery
- Check the battery level
- Keep displays away from projectors

Maintenance & Consumables

- Set the clock after power cuts
- Replace batteries on schedule
- Clean the displays
- Check the alarm volume
- Sync the workshop clocks

Specification & Buying Notes

Wall clocks with large digits and a bench countdown timer with alarms cover session management. Quality displays stay readable and accurate; cheap clocks drift fast.