

## LAMP HOLDERS AND SOLAR KITS

Here are ideas for constructing hand-made globe holders and solar kits.

Jiffy boxes are a cheap way of making hand-made equipment look more professional and last longer. Drill holes in the top of the box to suit any components. The solar kit motors last much longer when they are mounted because their weak tabs are protected. The lamp holders stay upright in circuits and all the wiring and connections are hidden from tampering fingers by the jiffy box's screwed-on base.

The jiffy boxes are available from Altronics. The total cost of the lamp holder is less than \$3 (2009). This includes the UB5 jiffy box, MES holder, terminals, plus 2 self-tapping screws and about 10cm of tinned copper wire.



*Lamp holder and solar kit*

To mount the solar kit you will need the UB3 jiffy box and a motor mounting clip, available from Scorpio Technology, Mentone or Abacus Educational Suppliers. You can add more terminals to the side of the solar kit boxes to allow students to test current and voltage.

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