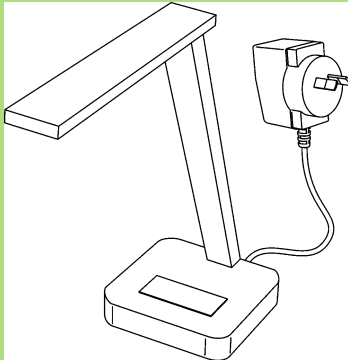


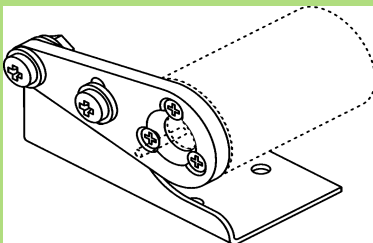
Tempus fugit = "Time flies"



Touch lamp with bright LEDs



LED torch - a simple electronics soldering project



Mounting a Faulhaber motor onto a Solar car is now simpler

"Tempus fugit" – time flies. This year is almost over. It has brought us all new challenges and experiences. This year Scorpio Technology has had the opportunity to meet you all at teacher conferences held by DATTA VIC, DATTA WA, IIATE and QUEDREX. Thank you for your time. Your questions and feedback help us develop new ideas and improve existing kits.

The main theme at technology teacher conferences this year has been Ausvels. This set of guidelines will affect the way technology is taught for many years to come.

STUDENT DESIGN

Projects requiring "hands on learning" are an important part of Technology. There seems to be a shift from making everything by hand to using machines to cut out and manufacture various materials. Increasingly more schools are using milling machines, CNC routers, vacuum formers and 3D printers. We can provide milling files for a number of our more challenging kits. Just email us for a copy.

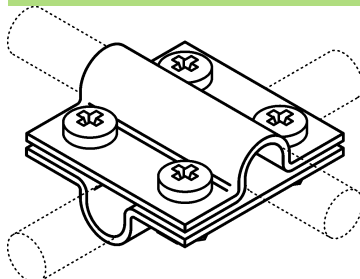
This technology has a place in the Technology workshop. These machines demonstrate how industry manufactures their products.

We believe that providing opportunities for student to experience the Design process is important. Each Design and then manufacturing stage develops new skills and experience.

WHAT'S NEW AT SCORPIO FOR 2015?

We are adding new projects to our range:

- 1) **LED touch lamp** – Make a touch sensitive desk or bedroom lamp. No switches involved – touch turns the lamp on and off. Uses super-bright LEDs
- 2) **LED torch** - PicoBright is an electronic flashlight kit suitable for beginner solderers – 19 ultra-bright LEDs, 3 PCBs. Comes with 40 mm PVC ends.
- 3) **Faulhaber motor mounting kit** – includes motor mount, adjustable plate, screws etc.
- 4) **Axle bracket kit for 6mm Carbon-fibre tube** – consists of 8 brackets and all necessary fasteners.





The Axle bracket kit provides the parts to join 4 carbon fibre tubes into a rectangular frame.

One of these brackets can also be used with the Faulhaber motor mounting kit.



5) Various individual components – including Picaxe download cable (AXE-027)

	LEDIRR3	Infra-Red – 3mm Transmitting LED	Red
	LEDIRR5	Infra-Red – 5mm Transmitting LED	Red
	DIOIRRR	Infra-Red – Receiver diode (usable with Picaxe)	----

And more items to come...

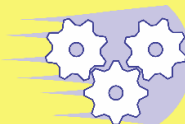
Season's Greetings and best wishes for the New Year

We at Scorpio Technology wish you, your students and families a safe and enjoyable holiday.

Thank you for your support during the year and we look forward to assisting you in 2015.

Our office will be closed from 3 p.m. on the 19th December 2014
until 9 a.m. 22nd January 2015.

If you require any assistance during this time please email, fax or phone and leave a clear message.



*Inspirational projects for teaching
Design, Creativity & Technology*



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