Technology = Design + Innovation

On behalf of the entire team here at Scorpio Technology, welcome to your first Newsletter for 2015.
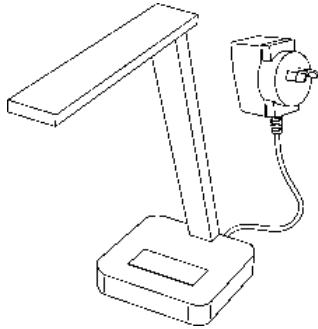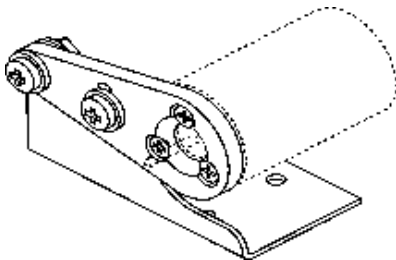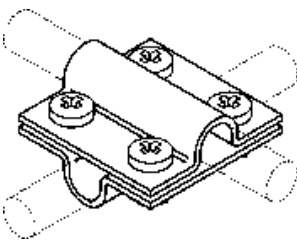
The **LED touch lamp** offers an opportunity for students to design and make a lamp that is truly their own.

The **LED torch** lends itself to design. It could be used with repurposed items.

The Faulhaber motor mounting kit is used to attach the motor to a chassis.

The axle bracket kit makes securing Carbon-fibre tubes in a rectangle form simple.
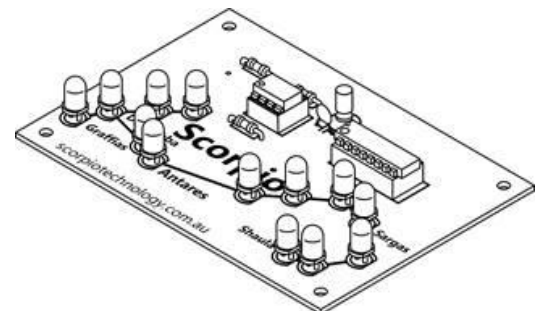
EXCITING PROJECTS FOR 2015

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

LED torch - PicoBright is an electronic flashlight kit suitable for beginner solderers – 19 ultra-bright LEDs, 3 PCBs. Comes with 40 mm PVC ends.

Faulhaber motor mounting kit – includes motor mount, adjustable plate, screws etc. The Faulhaber motor is a very efficient motor that is used in industry as well as in Model Solar Vehicle Challenges. Due to its cost it needs to be mounted correctly. This motor mounting kit is an economical way to solve this problem. Exclusive to Scorpio Technology.

Axle bracket kit for 6mm Carbon-fibre tube – consists of 8 brackets and all necessary fasteners. This is a secure way to form a rectangle when using Carbon-fibre tubes. Exclusive to Scorpio Technology.

Scorpio constellation - The Scorpio PCB has an LED positioned on the location of the major stars in the Scorpio constellation. The LEDs flash in a set sequence. A great introduction to soldering.

Nature and our surroundings are a great way to get inspiration for Design and Technology. Scorpio kits can be used as a basis for further design. The Robobug has been transformed into a ladybird beetle using a variety of different techniques and materials.

Inspirational design

Designer and woodcarver Janis Straupe is constantly looking for an alternative way to design his pieces. The "BUG" is far removed from modern trends where furniture is flat-packed and self-assembled.

Inspiration for this piece came after observing a beetle during a beach side stroll.

The cupboard opens up along the centre to reveal two 'wings' packed full of cubbies and drawers for plentiful storage.

The beetle's head swings up hiding more storage.

We suggest you check out more of Straupe's designs on his website. His designs include many examples of modern furniture and art.

http://www.straupe.com

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Inspirational projects for teaching Design, Creativity & Technology