

Full S T E A M Ahead!

On behalf of the entire team here at Scorpio Technology, welcome to your first Newsletter for 2016. We hope you had a great break, feel recharged and ready for another year.

Design, Creativity and Technology

AusVELS curriculum was released in November 2015. It provides teaching guidelines for many years to come.

When we create a stimulating environment for students we can help to build their confidence, realise their potential and have a fun experiences along the way.

Many schools are now integrating subject areas to increase student understanding and improve learning outcomes. Their aim is to encourage students to study Science, Technology, Engineering and Mathematics. Some schools also incorporate Art.



S Science
T Technology
E Engineering
A Art
M Mathematics

The Association of Independent Schools NSW defines STEM:

- **Science** is about understanding how things work.
- **Technology** is a lever to improve efficiency or effectiveness.

Technology is about making things work better, or making them in an even better way.

- **Engineering** is about making things that work.
- **Mathematics** is about estimating, calculating, modelling, predicting and correcting.

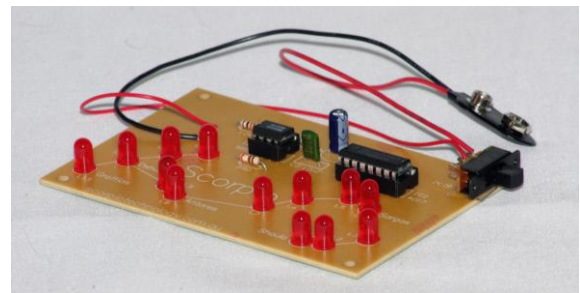
Scorpio kits and components are designed to fit into the AusVELS curriculum and in the STEM curriculum. We know that you will find projects that are suitable for all levels of learning.

I never teach my pupils. I only attempt to provide the conditions in which they can learn.

Albert Einstein

ELECTRONIC SKILLS

The start of the year is a great time to revise basic electronic skills and knowledge. Component recognition and soldering skills may need to be revised prior to attempting more complex kits. We suggest using the Scorpio Constellation kit.



The skills developed / revised using this kit include:

- Component recognition



SCORPIO TECHNOLOGY Vic Pty Ltd
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February 2016

- Resistors
- Capacitors
- IC sockets
- LEDs
- Following diagrams and instructions
- Soldering
- Using a multimeter
- Fault finding and troubleshooting

Level:	Intermediate kit
Type:	Electrical, Electronic, PCB
Hours required to construct:	
Scorpio Code:	SCOR
Cost:	1-19 kits \$7.91 ea 20+ kits \$7.60 ea

SCORPIO NEW WEBSITE



Our new website has received great comments regarding the ease of use and the helpful information available. We plan to continually improve it by adding more information to assist you.

You will find that not all Teaching units are available on the site. We are still updating them and they will be available progressively as they are completed. The current Teaching unit is always included with your order.

Our new website has a “**KITS IN ACTION**” page.
<http://www.scorpiotechnology.com.au/kits-in-action/>

This is aimed at showcasing your projects based on our kits. Please take a look!

If you would like to share your ideas or comments please email us at sales@scorpiotechnology.com.au.

Three new contributions have been posted this year:

- Trinity's Belt Driven Car was submitted by Foster Adem
- Soccer 'Bot Playing board and video were submitted by Matthew Sanders
- Intro Solar Car in iSTEM was submitted by Dave Bonzo

WEBSITE ISSUES?

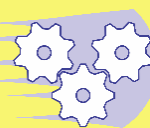
A few people have reported problems with our new website. Our website designer thinks that it may be related to it being hosted by a different provider.

Please try these suggestions:

- 1) Delete the old link / Bookmark
- 2) Type in the URL
- 3) Bookmark the link

If that doesn't work please let us know.

Do you have a great project to share? We would be happy to share your ideas and projects. (We pay royalties to the kit designers). Please feel free to discuss YOUR needs and ideas with us – especially in regard to Alternative energy projects.



*Inspirational projects for
teaching Design,
Creativity & Technology*



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