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Welcome from the Presidents!

Just a quick note of farewell for all those who missed out on the news that I have stepped down as president. I want to reiterate my thanks to all those who contribute to, and participate in DATTA Vic activities and resources, and to reinforce how important the work of DATTA Vic is for Technology teachers. You’ll see the list of things DATTA Vic has been involved with in the newsletter - it’s pretty impressive, and a lot of this work goes on behind the scenes to address the needs of our members, the broader Technology teaching community and our students. This work only happens because we have a dedicated team of staff and volunteer members, and because we are supported by you. You keep DATTA Vic going by attending conferences and PL activities, purchasing resources and consistently paying your membership fees. So - thank you.

It’s funny that since I’ve stepped down, I’ve been busier than ever, developing resources for members. In the near future, you should look forward to a number of publications - a Practice PD&T Exam, more regular resource emails for members, a Technotes edition, Primary Technology resources, and more.

My thanks to Peter Murphy for taking on the DATTA Vic President’s role. He brings lots of enthusiasm, knowledge of the design area and teaching experience to the role - I know he will do a fantastic job.

I wish him, and all of you, all the best.

Jill Livett
Former DATTA Vic President
Hi and welcome to term 3.

Recently Jill Livet made the DATTA Vic Committee aware of her intentions to step down as President. Jill has served in this position for the last 5 years and has brought an incredible amount of energy, experience and professionalism to the organisation.

Thankfully Jill will remain on the committee and operate in her new role as Resources Manager so you will still hear from Jill and see her at workshops and conferences. Happily we will all continue to benefit from her insight and guidance in all matters related to Design and Technology.

Over the years Jill dedicated a huge amount of time and passion to DATTA Vic and its’ membership. As your interim president I will work to build on the successful legacy that Jill’s leadership has given us.

The DATTA Vic committee is a dedicated volunteer group of teachers, like Jill, and we will be looking to engage more of you in our activities in the future as we attempt to support and inform you as valuable members.

There are still lots of professional development opportunities coming up this year through workshops and our December “Makerspace” Conference. Also keep an eye on your inbox for more fantastic free resources for members.

Thanks and have a great term!

Peter Murphy
Interim DATTA Vic president
News from the VCAA

2015 Royal Melbourne Show’s Art, Craft and Cookery competition

As you know, entry to the 2015 Art, Craft and Cookery competition for the Royal Melbourne Show is now open.

There are more than 400 competition classes including new and interesting classes and challenges and lots of great prizes in areas such as:

- Fibre, yarn and fabric – including Textile design, felting, soft toys, embroidery, patchwork and applique, and the Apron Challenge
- Technology and Design – Creative design challenge using Wood, Metal, Plastics, Fibre and/or Glass
- Upcycled Fashion Accessory
- and much more

Entering the Art, Craft & Cookery competition is quick and easy. Read through the schedule of events (Art, Cookery and Technology from p.26) and then simply enter online at [here](http://example.com) by Friday, 17 July, with physical exhibits due at a later date.

Exam Papers

The 2014 Examination reports are now online. You can access them on the VCAA website, or download them from the DATTA Vic website [here](http://example.com).

Leanne Compton
Curriculum Manager, Design and Technologies
Our Annual Conference Round Up -

Design for People

DATTA Vic held our annual conference at Harvester Technical College on the 15th & 16th of May. Harvester was the perfect venue, and the staff there worked tirelessly to support us. Design for People featured fantastic keynote addresses by Ian Dryden, Senior Industrial Designer with the City of Melbourne and Alisha Ryans-Taylor of K-12 Leadership Co-ordinator with Engineers Without Borders.

Thanks to our generous and talented presenters, delegates could choose from a wide range of workshops, from Rendering to Robotics, Fabric printing to 3D printing, and Basic Pneumatics to Nesting Boxes! And with 20 trade exhibitors demonstrating their latest services and products, it was an event not to miss! For a selection of photographs, visit our Facebook page – and get tagging!
So You Think You Can Design

The DATTA Vic Conference also featured the finals of our annual student design competition, So You Think You Can Design. The finalists were:

- Damian Flatz and Lex Bounds from Dromana Secondary College
- Imogen Colls and Jaimee Van Leerdam from Kardinia International College
- Emily Watkins and Sami Karis from Mornington Secondary College
- Elizabeth Grant-Brown and Gianni Lorenzin from Northcote High School
- Jean San Juan and Terry Nguyen from Simonds Catholic College

Everyone produced the most fantastic work, and it was a close competition – but we’re delighted to announce that Jean and Terry from Simonds Catholic College were the winners!

A special mention goes to Emily and Sami from Mornington Secondary College, who were awarded the DATTA Vic Choice Award for their amazing efforts.

SYTYCD was sponsored this year by Picokit and Swinburne University of Technology, and we’re delighted to announce ongoing support from Swinburne for SYTYCD in 2016. Not only will they continue to sponsor the event, but they will also offer all finalists a Master Class at the School of Design. So look out for future emails about the competition, and we’ll look forward to seeing you there!

Click HERE for a gallery of photographs from the event
We'd also like to send a special mention to the Australian International Academy. They were unable to take part in the full event, so teacher Lyn Kong established their very own in-school design competition.

Laura Murphy from DATTA Vic went along on the 6th of May to meet the participants and see their award ceremony.

We’d like to congratulate Muna Afiouni in 3rd place, Lina Zackariya for coming second, and Muhammad Muladawilah for winning 1st place.

New Technology Teacher of the Year

Huge congratulations go to Phillippa Loton from Bacchus Marsh Grammar for winning the New Technology Teacher of the Year award.

Phillippa came to teaching from a strong background in Clothing and Textiles Design – she worked in the industry and was a lecturer at RMIT for a number of years. In the last 5 years she retrained and moved into secondary Technology teaching. Phillippa is now inspiring the students at Bacchus Marsh Grammar, is an active member of the DATTA Vic committee and shares her knowledge through workshops at DATTA Vic conferences and events.
We're VERY excited to announce details of our annual hands-on conference, which is pencilled in this year for the 3rd of December. **Maker Space** will celebrate the joy of making - whether you're a crafter, a hacker, a coder or a crocheter!

And we need your help! If you have an idea for a conference workshop, we'd love to hear about it. We're looking for people to share great ideas for classroom projects, or teach others new skills. Fill out our [Presenter Application Form](mailto:pl@datta.vic.edu.au) and help us make this another great event for everyone in the Technologies learning area.

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**So You Think You Can Design - Textiles**

Another exciting event for our Textiles members! We're really excited that **So You Think You Can Design** will run again in 2015 - and this time as a Textiles competition. The finals will take place live at our Hands-On Conference early in December.

**Teachers, register your school now!** You'll be given 2 design challenges, which must be completed in-school by the 18th of September 2015. You'll then select the 2 best students' work and submit them to DATTA Vic by the 5th of October.

If your students are selected as finalists, they'll come along to our December conference and compete live in a fun, hands-on design marathon!

Contact Laura at pl@datta.vic.edu.au for more information or to register. You'll be issued with the in-school design challenges, and your students can get to work!
What DATTA Vic is doing for YOU!

DATTA Vic has been working on a whole range of issues since the start of 2015 on behalf of our members. Just some of the areas your committee members have been involved in are:

- Advising on the draft new Australian Curriculum in the Technologies area
- Working with the DET and others to raise your OH&S concerns and to identify new avenues of support for teachers
- Being part of the Top Designs selection committee
- Submitting a response on the VIT’s *Permission to Teach* Policy Review
- Lobbying Universities to follow La Trobe’s decision to award 4 aggregate bonus points for VCE Systems Engineering into their undergraduate engineering degrees
- Contributing to the work of DATTA Aus
- Developing resources for Secondary and Primary teachers
- Building partnerships with other agencies such as Universities, Galleries and Community groups that will benefit DATTA Vic members in the future
- Working to build *So You Think You Can Design* into a national competition
- Developing a range of Professional Learning opportunities, including events, workshops and conferences for teachers throughout the state
- Responding to individual teacher enquiries about OH&S, registration, teacher training, etc.
- Involvement in the Swinburne University course advisory board – considering new courses for Design and Technology teaching
- Involvement in a review of the ‘Safe Use of Machinery’ course

If you are a member and need support with any aspect of teaching, get in touch with us and we’ll do what we can to help!
Professional Learning - The Year So Far...

DATTA Vic has run a wide range of professional learning workshops for teachers and events for students throughout the state since the start of the year. These are just some of the sessions we’ve delivered;

- VCE PD&T Units 1 – 4
- VCE Systems Engineering Units 1 & 3
- PD&T SAT Folio Student workshops
- Design Mini Challenges at the CUSP Educators’ Preview at Mornington Peninsula Regional Gallery and the Top Designs launch at Melbourne Museum
- Teaching Innovation at Bendigo Discovery Science & Technology Centre
- Picaxe Microcontroller & Model
- CREO 2.0
- Primary Design and Technologies at the National Gallery of Victoria
Professional Learning - What's Coming Up...

Click on the individual links below, or [HERE](#) to see the range of workshops and events coming up from DATTA Vic in Term 3. These include:

- [Humanitarian Design & Engineering with Engineers Without Borders](#) on July 20th (pictured)
- [VCE PD&T SAT & Related Exam Questions for students in Western Victoria](#) on August 5th
- The Design Process for Bendigo Technology Teachers’ Network
- [VCE PD&T Teacher Exam Preparation](#) on August 10th
- [CREO 2.0 Computer Aided Design](#) on August 15th & 22nd
- [OH&S in the Technology Classroom](#) on August 17th
- [VCE Systems Engineering Exam Prep](#) for Teachers on August 18th
- [Picaxe Microcontroller](#) on August 29th

We’re also finalising details for a range of VCE PD&T Students’ Exam Prep – in Melbourne and in regional centres.
Worth a special mention is OH&S in the Technology Classroom - an essential PL for teachers of Wood, Metal & Plastics.

Join DATTA Vic and Glenn Eckardt, DET Senior Advisor on OH&S for a day-long workshop on safe practice, covering DET requirements for risk assessment and management, passing an OH&S audit, restricted machinery, case studies, and much more.

And look out for some exciting professional learning events coming up in Term 4, including a 'Textiles Teachers' Big Day Out' at the National Wool Museum in Geelong on the 9th of October with Wool4School and a range of VCE PD&T Exam Preparation Workshops for both teachers and students, happening throughout Victoria.

If you are a DATTA Vic member, your school can hire a Roland Modela MDX 40R CNC Mill. It only costs $400 for a 4 week rental, and comes with a fully-programmed laptop and a free set of expendable tools and cutters.

For more information on any of DATTA Vic's programs or services, contact Laura at pl@datta.vic.edu.au or 03 9349 5809
New DATTA Vic Resources - Free for Members!

If you’re a DATTA Vic member, you should have received the first of our regular emails, giving you free teacher resources. Keep an eye on your inbox - The resources will include worksheets, unit planners, curriculum ideas, classroom presentations, etc. They are written by teachers - for teachers. For some editions, the resources will have a common theme, in others, they will have a wide focus. They will cover Wood, Metal & Plastics, Textiles and Electronics & Engineering. If you didn’t receive the email and you are a member, either individual or part of a general school membership, contact Laura at pl@datta.vic.edu.au.

DATTA Vic’s list of online resources is growing each term. On our website, you’ll find a range of Units of Work and Project Ideas, as well as past editions of our newsletters and Technotes journals. To access many of these you must be a DATTA Vic member. For information on how to log on to our website to get free access to resources, contact Davone at admin@datta.vic.edu.au or 03 9349 1538.

For a limited time, we are selling our VCE PD&T Units 1-4 Support Materials at a reduced price. Members can now buy each unit for only $50 (a saving of over $40) and the complete set for only $150 (a saving of over $100). These great bargains are available on our website now - don’t miss out!
DATTA Vic is Moving!

…Although we don’t know where! From June of next year, all of the Teachers’ Associations housed at the Statewide Resource Centre in Carlton will be evicted, as Carlton Primary School is expanding and requires the space back that was previously allocated to us.

We’re all working hard to lobby the DET for continued support and also identify potential accommodation that meets our members’ needs.

If you know of any suitable spaces as close to central Melbourne as possible, please get in touch with Laura at pl@datta.vic.edu.au

Gifted & Talented Students

DATTA Vic member Ross Beale from Epping Secondary College is currently undertaking a review into the provision of Technology education for gifted and talented students.

Has your school designed specialist programs for gifted and talented students? Are you aware of any good resources or projects? Or have you found any particular issues relating to the delivery of Technology subjects to children or young people identified as gifted and talented?

If you can help out, please contact Laura at pl@datta.vic.edu.au.
**Junior Landcare Award Winners 2015**

Congratulations to Ken Aitken (pictured), [Yea High School](#) Teacher & DATTA Vic committee member! Thanks to his hard work, Yea HS have been given the Goulburn Broken Catchment Management Authority for best Junior Landcare group.

For the last eight years Ken’s students have been building nest boxes for wildlife in the local area. Due to the loss of many trees in the 2009 fires, these boxes provide artificial homes for the animals that generally nest in hollows.

The students also record details and GPS coordinates so they can be monitored later on. Recent inspections of boxes have discovered that they are being used by Ringtail Possums, Brush-tailed Phascogales and Sugar Gliders.

**DATTA Vic’s Award Winning Teachers**

In term 2, DATTA Vic were delighted to give out our annual awards to the most outstanding students in the Bachelor of Education (Primary) in the Technology Education Unit at Deakin University.

Pictured on the left is Rob Kaylor-Thomas, DATTA Vic Treasurer, who gave out the awards at ceremonies at Deakin's Geelong & Warnambool campuses.

The winners are:

- Caitlin Kananagh
- Jessica Koch
- Jane Ridgeway
- Delsey A Wang (from the Institute of Koorie Education)

Congratulations to you all, and we look forward to keeping up with you as you begin your teaching careers!
2015 Fablearn Australia Conference

By Travis Burroughs, DATTA Vic Committee Member

In conjunction with Stanford University’s Graduate School of Education, Lauriston Girls’ School hosted Australia’s inaugural FabLearn Conference on the 3rd of July. FabLearn 2015 brought together educators, leaders, researchers and designers to explore digital fabrication and hands-on learning for the 21st century.

The keynote addresses were delivered by Professor Ian Chubb, Australia's chief scientist and Genevieve Bell, an Australian anthropologist who works as the Director of User Interactions and Experiences at Intel Labs.

I attended two of the workshops and presented at one. The first workshop was delivered by Matthew Orth and Allister Gough from Churcie Grammar in Brisbane. They had a very interesting project which brought the students through the design process all the way to the final production of a working watch.

The second workshop was delivered by the Melbourne-based Robogals, a group of university students who deliver robotics and engineering workshops for students throughout Victoria.

My presentation was on Autodesk Inventor and simple 3D printing projects. I will be running this workshop again at the December DATTA Vic conference. Peter Murphy from DATTA Vic also ran a session on So You Think You Can Design.

The Fab Learn Conference was a great experience and I look forward to seeing what the faculty at Lauriston Girls’ School have in store for next year’s conference.
Great News from Swinburne University..

In our term 1 newsletter, we were delighted to pass on the great news that La Trobe University is awarding 4 aggregate bonus points for VCE Systems Engineering into their undergraduate engineering degrees. DATTA Vic has just received word that from 2016, Systems Engineering will be included as a subject in the middle band for Engineering at Swinburne University of Technology and will be used when allocating bonus points for applicants that fall within that middle band.

We’ve also been delighted to hear that, from 2016, Swinburne will be running a Bachelor of Secondary Education with a specialism in Design and Technology. This is fantastic news for our learning area, and DATTA Vic is looking forward to promoting teaching as a career to Swinburne’s Industrial Design graduates later in the year.

...And RMIT too!

And news just in - RMIT has added VCE Systems Engineering as a bonus subject for 2016 in a wide range of new programs, which include:

- B.Eng in Advanced Manufacturing & Mechatronics
- B.Eng in Aerospace Engineering
- B.Eng in Automotive Engineering
- B.Eng in Mechanical Engineering

Thanks to DATTA Vic committee member Veena Nair, who has been tirelessly lobbying Universities on this matter.

Melbourne Robocats are recruiting! They want to build a team of female students, 14 - 18 years old, who will compete in the FIRST Robotics Competition in 2016. This team will be mentored by some of the world's best engineers from the likes of BAE Systems, and will include a number of their female engineers. The project will commence in December. For more information, contact Dr Therese Keane from Swinburne University at tkeane@swin.edu.au.
What's On Around Victoria

National Gallery of Victoria
Open House – Tromarama for Kids, 22 May – 18 Oct at NGV International
Nordic Cool – Modernist Design (Pictured), 28 Feb – 31 Dec at NGV International
Bunyips and Dragons – Australian Children’s Book Illustration, 25 July – 4 Oct

Museum Victoria
Think Ahead – What Will Our Cities Be Like? Permanent exhibition at Scienceworks
Nitty Gritty Super City – Explore Science in the City, Permanent exhibition at Scienceworks
The Social Studio – Fashion, Food, Art & Community, Until 15 Nov at the Immigration Museum

ACMI
David Bowie Is, (Pictured), 16 July – 1 November

The National Wool Museum
Coastlines: Scarf Festival 2015, 5 Jun – 2 Aug

The DATTA Vic Noticeboard - Employment Offered
NCAT urgently require a sessional teacher to deliver the Certificate II in Electro-technology on a Thursday afternoon from 16th July to the beginning of November.

Send your CV to ncat@edumail.vic.gov.au or contact Rafaella Gallati-Brown on 0419 349 841

For more jobs and other news, visit our digital noticeboard on www.datta.vic.edu.au

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