



Biology Educators' Association of New Zealand Te Rōpū Whakaako Koiora o Aotearoa

June 2016 Newsletter

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Welcome to the June newsletter. Some brief updates.

The team for the 2016 NZ International Biology Olympiad have been named. Congratulations to everyone who was involved in the camp and to the successful team members.

Our 2016 Practice Examinations resource and Level 2 Microscope resources are again available for ordering. Many thanks to Bill and the team for their hard work.

Development on the new BEANZ website continues. There are still a lot of details to work out, but the new website will have more resources and information for BEANZ members.



SciCon 2016 is almost upon us. There is still time to [register](#) for the conference. The workshops have been finalised and there is an awesome range of topics. [Fieldtrip registrations](#) have now opened and are filling fast. The [schedule](#) for the conference has now been published and is available online from the [website](#).

BEANZ Workshops 2016

Regional representatives are getting together after Scicon to work on the BEANZ workshops for later in the year. While we already have a few things in progress we like to ensure that we are providing timely, relevant professional learning for our members. So, what do you need? What is on your wish list? Ideas and requests for workshop content, context, themes, tools and so on should be emailed to your regional representative before the end of term.

Vietnam Beckons! New Zealand International Biology Olympiad

NZIBO fosters interest, participation, and excellence in biology through participation of secondary school students in the New Zealand Biology Olympiad Programme. The programme provides University level education in Biology to those students selected to participate in the online tutorial programme.

NZIBO ensures that the students who participate have the necessary knowledge to compete successfully at the International Biology Olympiad (IBO) should they be selected to represent New Zealand at this prestigious international competition.

Following the recent successful NZ International Biology Olympiad training and selection camp the New Zealand team to travel to Hanoi, Vietnam has been announced.

The team members are:

Max Langenkamp (Auckland Grammar School),
Connor Leadley, (Christ's College, Christchurch),
Nikita Lyons (Waikato Diocesan School for Girls),
Nico van Wijk (Pinehurst School, Auckland).

Accompanying them as the team leaders:

Dr Angela Sharples (Murupara Area School),
Ms Pru Casey (Otago Boys' High School, Dunedin)
Mr Shawn Cooper (Avondale College, Auckland).



Eighteen students from Dunedin to Auckland attended the eight day camp supported by NZIBO committee members, teachers and academics from the Waikato University, Massey University, Auckland University and graduate students from Otago University.

The students loved the practicals which ranged from a stream study, to insect dissection to floral formulae to a boat trip

to observe sea birds as well as symposia with leading researchers who made their studies inspiring.

BEANZ Scholarship Recipients:

We are pleased to announce the recipients of the **ten** scholarships, each worth \$385 (equivalent to early bird registration), for members to attend Scicon2016 in Hutt City.

Sarah Joyes	Wellington
Bob Tuaine	Christchurch
Georgette Lampitt	Wellington
Miho Davis	Taihape
Sean McWilliams	Auckland
Jessica Cross	Invercargill
Paula Brown	Invercargill
Natalie de Roo	Auckland
Barbara Morgan	Cambridge
Andrew Forest	Masterton

Congratulations, we look forward to hearing their stories from SciCon in the next newsletter.

Remember BEANZ provides scholarships to BEANZ members to assist them with attending the BioLive and SciCon conferences. If you or your organisation are a BEANZ member, then you are eligible to apply.

President (NZASE Rep)	Sharyn Varcoe
Senior Vice President	Kate Rice
Junior Vice President	Matt Easterbrook
Treasurer	Peter Sutton
Secretary	Helen Mora
Publications Co-ordinator	Mike Cotsilinis
Website	Carmen Kenton, Ben Himme
Curriculum Support Team	Terry Burrell, Penny Daddy, Jo Hurst
Primary Biology Education	Hazel McIntosh
Tertiary Biology Education	Hamish Spencer
Assessment Project	Bill van den Ende
Science Facilitators	Mikhal Stone
Regional Rep. Coordinator	Sharyn Varcoe
Rural and Isolated Schools Rep	

Meet The Exec

Terry Burrell: BEANZ Curriculum Committee



I've been teaching for ages across Hawkes Bay and Wellington schools. I am now based at Onslow College in the capital.

My passion in teaching is finding ways to shift learning from teacher-directed to student-driven. I love exploring new strategies for tapping into student interests – like using drama to model gene expression, the annual Palaeolithic tool-making competition during our zoo overnight and most recently involving our students in planting a Hebe (Veronica) speciation garden featuring 20 species from alpine to lowland.

Via my involvement with BEANZ I had the opportunity to get involved during the NCEA alignment process and the development of the Teaching and Learning guides. I strongly recommend other teachers put their hands up to be involved with their subject association, local cluster groups etc. It's the best TPL you could hope for and an effective way to jump start your career too.

Outside school I grab whatever time I can in the hills. Whether it's multiday tramping or running my trap line to deal to rodents and possums in the hills behind our house in York Bay, adjacent to the East Harbour Regional Park.

Meet the Exec

Mike Stone: Science Facilitator



I worked as a Biology teacher for 25 years and in various science TiC & HoD roles before joining Team Solutions as a science facilitator in 2006. Currently I am a National Co-ordinator for Science (a role I share with Kate Rice) and also on BEANZ exec where I represent Science Facilitators and the Auckland region (jointly with Penny Daddy). Along with BEANZ's curriculum team I have been involved in putting together the BEANZ workshops presented in November each year. As well as being a fisho & a muso I am the proud aunty of 8 nieces & nephews.

My day job is all about Professional Learning and Development for science teachers & HoDs where I know I make a difference. I want to see support in the way of subject-specific PLD strengthened, one of my main reasons for joining BEANZ in a leadership role.

Regional Representatives		
Region	Name	Email Contact
Northland	Julie Harrisson	JHarrisson@kerikerihigh.ac.nz
Auckland	Mike Stone	m.stone@auckland.ac.nz
	Penny Daddy	pennyD@stcuthberts.school.nz
Waikato	Rep required	
Bay of Plenty	Jean Grattan	jgrattan@otc.school.nz
Central North Island	Carrie Vander Zwaag	cvanderzwaag@reporoa.school.nz
Gisborne	Rep required	
Hawkes Bay	Marcia Hengst	mhengst@nghs.school.nz
Taranaki	tbc	
Manawatu-Wanganui	Chris Corser	c.corser@pnghs.school.nz
Wellington Region	Sue Weich	sweich@chilton.school.nz
Nelson Marlborough	Sarah Johns	sarah.johns@ncg.school.nz
West Coast	Erica Jar	erica.jar@buller.ac.nz
Canterbury	Matt Easterbrook	est@linwoodcollege.school.nz
Otago	Pru Casey	pru.casey@gmail.com
Southland	Lee Pirini	lee.pirini@southlandgirls.school.nz

ATTENTION BIOLOGY TEACHERS



Resources available from BEANZ in 2016

2016 BEANZ 'Level 3 Biology Practice Examination' Delivered by 'Reply' Email.

Biology Educators' Association of New Zealand is once again providing a package of three NCEA Level 3 'Practice' Examination papers and Assessment Schedules for the External Standards.

Assessment schedules reflect the way present NZQA examinations are assessed. They include suggested grade boundaries.

This Practice Examination has now been produced for 12 years. The files are set as WORD documents so that your school logo can be added and the paper can be formatted to suit your school examination policies.

Note that the exam will be emailed to the person who emails us the order. It will be attached to a 'reply' email. If that person is your office or finance person, they will receive the exam.

Cost: \$ 80.00

Expected delivery: late Term 2 (Exam is not to be used in mid-year exams).

Delivery method: by 'Reply' email.

Please ensure that the person who emails in the order is the person to whom the exam should be delivered.

'Secondary School Microscopy' Resource

Delivered by posted CD.

First distributed in 2012, this resource is primarily aimed as a teaching resource for **B 2.8 'Investigate biological material at the microscope level'**. It also covers a myriad of ideas for use of microscopes in Junior Science.

If you are interested please make enquiries through our email address biologynz@gmail.com

Cost: \$ 180.00 (incl. P & P)

Expected delivery: Available Now

Delivery method: CD with files will be posted

NB. The External Standards Resource 2004 - 2012 is no longer being offered

BEANZ 2016

INVOICE & ORDER FORM



The payment and ordering process involves **TWO** steps. You must complete both steps.

Transfer of funds to BEANZ Account

Transfer the total amount to the BEANZ Account. Add your school name so that we can recognise 'your' payment.

DO NOT use initials only (eg. ths, wghs, bhs, ccoll).

Please use your school's full name

Bank: ASB Bank	NB BEANZ is not GST Registered
Account number: 12 – 3143 – 0168197 – 00	

Email your order to the following email address:

biologynz@gmail.com

Use your school's name in the email subject line.

eg. Christchurch High School BEANZ order.

The exam will be emailed to the person whose email address used to place this order.

Include all these details with your order

(or print, complete and scan this completed document and attach to your order)

Name of school	_____
Name of person ordering	_____
Email address of person ordering	_____
Date of payment	_____

Resources ordered:

	\$ 80.00	2016 BEANZ Level 3 Biology Practice Exam
	\$ 180.00	Secondary School Microscopy Resource
Tick boxes please	\$	Total