MONASH
ADVANCED
SCIENCE &
SCIENCE SCHOLARS
SOCIETY

MASS3

Newsletter

ISSUE 2

OCTOBER 2013

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I'm very excited to produce my first newsletter as MASS³ editor! Thanks to those who helped me: all the new committee members, as well as Annie, Jared, Lianna, Ben and Adam. Hope you all enjoy the read!

- Luci

MASS³ AGM 2013

On September 25th, the MASS³ Annual General Meeting was held to elect the MASS³ Committee of 2014. It was an exciting event (as far as AGMs go anyway) with a great turn out of people, lots of pizza, and also cake as it happened to be Ruby's and Luci's birthday.

The meeting ran fairly efficiently as most of the new committee members were elected unopposed. The one exception of this was the President, where it was a close run between Josh Marlow and Ben Jones – and I do mean *close* – everyone had to vote several times before an outcome was reached. There was also some difficulty in electing a treasurer as there were initially no nominees, but eventually "Good Guy" Kieren stepped up for the job. The eventual outcome of the AGM was as follows:

President: Josh Marlow

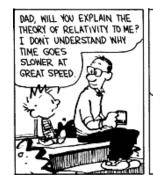
Vice President: Lianna Beeching Treasurer: Kieren Watkins Secretary: Michael Khng

Education Officer: Jake McIntosh Events Coordinator: Nisha Duggan

Webmaster: Will Donohoe Editor: Lucinda Aulsebrook

Congratulations to the new committee and may they do a great job of running things next year! Also, we mustn't forget to give our appreciation to the outgoing committee for doing an excellent job over the past year: Jared Fernando, Caspar de Bruin Dickinson, Kevin Hendrey, Paul Mirabella, Dale Christensen and Ben Jones. (And well done to Josh, Lianna and Nisha for being elected two years in a row)

Meet the new committee on page 5!





SO IF YOU GO AT THE SPEED OF LIGHT, YOU GAIN MORE TIME, BECAUSE IT DOESN'T TAKE AS LONG TO GET THERE OF COURSE, THE THEORY OF RELATIVITY ONLY WORKS IF YOU'RE GOING WEST.





Calvin and Hobbes

Final President's Report

With the MASS³ AGM done and dusted, the fruitful and glorious year under the committee of 2012-2013 is over and committee of 2013-2014's reign of terror has only just begun. Whether losh turns MASS³ into some kind of evil brain washing cult hell bent on ensnaring all of Monash under the false promise that one day the common room will open and reveal a space ship to take every one away to a new planet called "Blisstonia" - well known for its high levels of bliss - is yet to be seen... I, for one, believe its a real possibility. Simpson's references aside, this is the final presidents report for the year, and from me.

The year started off well, with the committee organising two first year welcome barbecues in place of the usual welcome camp. These barbecues went surprisingly well, as we managed to successfully scare off most of the first years. Silly

JAFFYs... But seriously, the barbecues went well and we welcomed many new first years to the common room. Other new additions to the common room at the start of the year included a fridge/freezer and short lived cleanliness.

The highlight first semester was our trivia night, run by Josh and myself. The night included many brain busting questions, fun games, drinking, superhero and villain costumes, drinking, some very strange drawings of which I am the subject (these can be seen on our Facebook page). Ultimately, the team f(x) men was the winner, and took home the MASS³ trophy (yes I know I never got around to getting it engraved, but I'll pass it on to the next committee who while hopefully make up for my tardiness).

The second semester had a successful movie/pizza night, where

"Airplane"/"Flying High" was watched and enjoyed by most. Other notable inclusions from the committee in the second semester were: The official MASS³ ultimate tic tac toe common room cup™, the Paul Mirabella Legacy Microwave to replace the old and broken microwave, Vernon the green bin, and the afore mentioned AGM. Thank you to everyone that has made this year great, especially 3rd years who are about to leave for the scary world outside of undergrad. I wish the new committee the best of luck in whatever direction they choose to take MASS³, and remember, "control is an illusion sustained only by fools and the morally deplete".

Jared Former president of MASS³



MASS³ Website and Facebook

Visit the MASS³ website, which is now quite functional and informative, and has significantly less creepy gifs!

URL: http://masscubed.com

Website includes

- News and events
- Information about the club and common room
- An archive of all the newsletters from the past few years
- Information and contact details of the committee

Also be sure to be part of our facebook page, where you can latest updates, as well as a place for sharing and discussing ideas or internet links.

Facebook URL: https://www.facebook.com/groups/masscubed/

UPCOMING EVENTS

Study nights

As you are all hopefully aware, exams are coming up soon, which means it's time for study nights! These may be particularly helpful to you if there's some topics you need help with or would like to discuss with your peers or for some older students. If there's nothing you need help with, then you can be a nice lad/ lass and come to help or advise some of the other students!

Keep in mind that despite the usual shenanigans of the common room, study nights are intended for study—so no using the smart-board or the white board for anything else, and if you're in the common room but involving yourself with study, don't distract people who are.

The study nights will run this week (week 12) from 5pm onwards on the following days:

- Wednesday—Biology and Chemistry
- ♦ Thursday—Maths and Physics

You are allowed to study for subjects that are not designated on that day, but it just means you will get the most help with those subjects on the day they are designated.

Come along, bring your notes, any questions or advice, or whatever you feel necessary, and get into some studying!



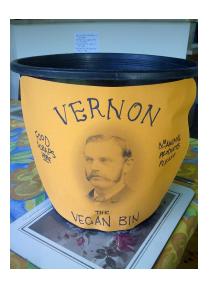
What's new in the common room?

Some of you may have noticed that our microwave kicked the bucket this semester, so we placed a piggy bank in the common room and raised money to invest in a new microwave. Behold:



The Paul Mirabella Legacy Microwave is named in honour the largest single donor. Good work everyone, especially Paul!

Another new asset in the common room is Vernon the Vegan Bin. Now common room people have a eco-friendly bin to place leftover food scraps (although as his name suggests, Vernon does not like animal products).



Introducing:

the 2014 MASS³ Committee!

These guys will be running things for the next year, so it's probably handy for you to know a bit about them! If you have any questions, requests or concerns related to the club, or these are the people to approach.

Name: Josh

Position: President

Role: Presidential duties—

whatever's necessary

Year in 2014: Third Year

Intended Majors: Double Major

in Chemistry

What is the most effective way to kill a furby? Fill it with Adamantium and put it in a microwave





Name: Lianna Beeching Position: Vice-President

Role: Keeping Josh under control

Year in 2014: Third Year **Intended Majors:** Chemistry

and Physics

Where's Wally? Wally is in the physics dumpsters looking for old

videos

Name: Michael Position: Secretary

Role: Keeping records of everything the club does, writing minutes. If you don't notice much, I'm doing my job

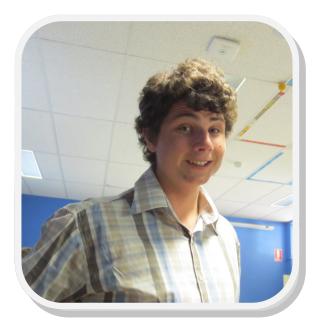
correctly.

Year in 2014: Third Year Intended Majors: Chem

Where do tetris blocks go? Into non-being, which is to say every-

thing.





Name: Confidential, sorry, don't want

people datamining me

Position: handlin' the cash (treasurer) **Role:** accounting for all Nisha's whims

Year in 2014: Second year

Intended Majors: The science of life and the science of change (bio and chem)

Why do socks go missing in the

wash?: I'd say clever scientists at Bond have engineered socks capable of hydrolysing easily in a bid to boost sales.

Name: Nisha "Nishdog" Duggan Position: Events Coordinator

Role: Organising swagalicious activities

for our members

Year in 2014: Second year Intended Majors: Chem

What is the meaning of life? Choco-

late & vodka





Name: Jake McIntosh

Position: Education Officer

Role: odd jobs and maybe talking to the head of the scholars program

(maybe) (I think)

Year in 2014: Second year

Intended Majors: maths/physics How can I get back on the freeway? Why don't you use your acute

sense of smell.

Name: Will Donohoe Position: Webmaster

Role: Ensuring that "the gif" is properly

displayed at all times.

Year in 2014: Second year

Intended Majors: Computational Science

and Maths

Are you smarter than a fifth grader? Apparently fifth graders can not only write legibly, but they can do long division too. I can do neither of these things.





Name: Lucinda Aulsebrook (Luci)

Position: Editor

Role: What you're reading right now!

Year in 2014: Second year

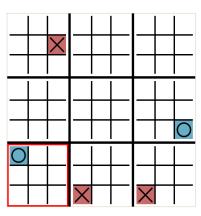
Intended Majors: Zoology/Genetics What was the best thing before sliced bread? Just bread. Plain and proper. Oboes are pretty cool too and they existed before sliced bread I would imagine.

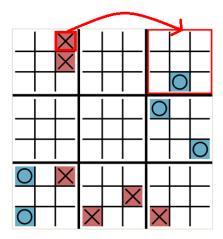
Tic Tac Toe Tournament

Over the course of the semester, many MASS³ members engaged in an 'Ultimate Tic Tac Toe' Competition.

How to Play

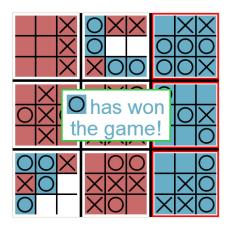
For those who are unfamiliar with the concept of Ultimate Tic Tac Toe, it involves a large Tic Tac Toe board, where each square contains a small Tic Tac Toe game, as shown on the right.





To make matters more complicated, where you choose to play determines where your opponent can play on their next turn. For example, if you play in the top right of a small Tic Tac Toe game, your opponent must next play somewhere in the top right of the large Tic Tac Toe game (shown on left).

Once you get three in a row in a small game, you have won that square of the large game. If you win three squares in a row of the large game, you win.



If you want to have a go at playing ultimate tic tac toe, you can visit https://www.khanacademy.org/cs/tic-tac-toe-ception/1676336506 or ask someone in the commonroom for a match!

The Tournament

16 MASS³ members chose to participate in the Ultimate Tic Tac Toe Tournament. These were divided into four groups. Each group had a round robin competition to determine who qualify for the next round in the tournament and who would be eliminated. The results were as follows:

Qualifying Round					
Group A		Group B			
Ben	Qualified	Andrew	Qualified		
Luci	Qualified	Kevin	Qualified		
Jake M	Eliminated	Drew	Resigned		
Michael	Eliminated	Alastair	Eliminated		
Group C		Group D			
Nick	Qualified	Alex	Qualified		
Tim	Qualified	Ethan	Qualified		
Riley	Eliminated	Ruby	Resigned		
Nathan	Eliminated	Jake A	Resigned		

The second round was knock-out style and determined who would make it to the semifinals. The matches and results were:

Ben vs. Kevin: Ben wins, Kevin eliminated

Tim vs. Ethan: Awaiting result

Andrew vs. Nick: Andrew wins, Nick eliminated

Alex vs. Luci: Alex wins, Luci eliminated

The semi-finalists Ben, Andrew, Alex and the unknown then go on to play the matches:

Andrew vs. Alex: Alex wins, Andrew eliminated

Ben vs. ?: Awaiting result

Alex has therefore secured his place for the grand final, but it is still unknown who he will be playing out of Ben, Ethan and Tim!

Who do you think will win the ultimate Ultimate Tic Tac Toe match? Stay tuned!

Trivia Night 2013



The Theme
This year's theme was

Superheroes and Supervillains, resulting in many fabulous costumes.





Right: Alex dressed as The Doctor earned the best costume award

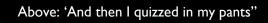




Right: 'F(x) Men', the winning team



The Teams





Left: 'Lords of the potato famine'

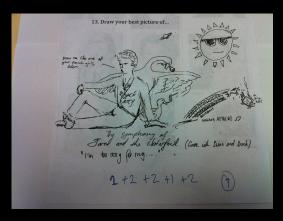


Right: 'The real heroes'

Above: 'Charlie's Angels'

Not shown: 'The good, the bad and the

Dandy'



And then I quizzed in my pants artwork



F(x) men tower



The good, the bad and the Dandy artwork



Lords of the potato famine artwork

The Tasks

The night consisted of lots of fun questions and tasks, including building a tower using anything on hand, and drawing Jared in a seductive pose.



And then I quizzed in my pants tower



The good, the bad and the Dandy tower



Charlie's Angels tower



Lords of the potato famine tower



The Real Heroes artwork



Charlie's Angels artwork



The Real Heroes tower



F(x) men artwork

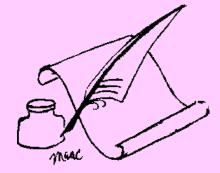
Adrice Column

To the fabulous editor of MASS³,

I would like some advice...

I have a friend who won't tell me who their crush is, and I want them to have a successful love life. How can I help them without having to know who their crush is?

Thank-you Hopeless romantic



Dear Hopeless romantic,

There are several possible approaches to this situation.

The first approach it to pester them relentlessly until they finally tell you who their crush is. This can be quite successful, but if they still remain silent despite your most obnoxious efforts, some merciless torture should do the trick. You may have sacrificed your friendship and their wellbeing, but at least you know!

If this approach isn't working for you, pretend that you've given up and no longer have any interest in finding out who their crush is, but in reality stalk them meticulously until you obtain enough clues and evidence to work out who they have a crush on. Then, find their crush and demand that they go out with Mic- I mean, your friend. Even if they find out you've been stalking them, they will be so grateful of the happiness you have brought they will be willing to overlook your creepiness.

If you don't like either of these approaches, consider accepting that they may not want you meddling with their love life. They may have the impression – whether accurate or not – that if you have any involvement with their love life it may impede it rather than help. Note that if you were considering either of the previous approaches, they are probably right. Despite your good intentions, being a good friend may be abiding their wish to keep these matters to themself, no matter how much you want to help them.

Good luck! The Editor

Got a question?

You can submit it anonymously by sending it from the MASS³ advice email!

Username: mass3secret@gmail.com

Password: mass3#swag

Then email lcaul1@student.monash.edu



The following quotes were heard from people in the common room, many taken out of context to add humour. Enjoy!

"I was trying to see if it smelt like paint"

"I only have eyes for one battery"

"Hey! 12 is less than 6"

"I'm not quick and nimble, I'm a potato"

"Germany doesn't have an 'a'!"

"I'm not Chemistry Moses!"

"But the way out of debt is to buy things"

"He's like a french black guy who just happens to be asian"

"I haven't tried genocide yet"

"The idea of becoming a better person is strange"

"I felt lickiness on my thingie"

"You make it sound like it's so easy to just go on the Face-book"

"I'm losing myself in your curves"

"That elephant swings balls at a fast velocity"

"Everyone knows that violence against men is ok"

"I could be spiderman... except with a lab coat!"

"We should have a barbershop quartet; we just need a third person"

"Slavery sounds useful... what was the question again?"

"What are all those countries rubbing up against India?"

"I thingied him"

Puzzles and Riddles

The Riddlemaster has kidnapped you and demands you solve his riddle!

Strutting outside your cell, he says to you:

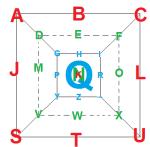
"I've decided to Play fair for once, as you remind me of myself in my youth. I shall give ye 3 clues to help you solve my cubey puzzle, as well as allow you access to the internet or any resources you see fit."

He gives you a cube made up of blocks of letters:

Α	В	O
J	K	L
S	T	U

D	H	F
М	Ν	0
V	W	X

G	Н	I
Р	Q	R
Y	Z	-



(the blocks on the left fit together to make the cube on the right)

"Behold your final clue!" exclaims the Riddlemaster. He indicates to the wall of the cell, where there is a message scrawled in blood.

VMSSC RTCFE = MASS_CUBED

"That's a clue the last one left for you," the Riddlemaster cackles, pointing to a skeleton in the corner of the room that oddly reminds you of one of those JAFFYs you met in the common-room at the beginning of the year, but was never seen again.

"Now, it is time for you to solve my puzzle! What does the following stream of letters mean?"

WJPSI WRBLL ZSCVK DNCFM NI

"If you solve this by 11:59," continues the Riddlemaster "I shall set you free. But a second later-" he grins nastily "And not only will you be moved to the cell with the arts students, but you'll be studying nothing but SCI2020 for the next TWO YEARS!"

Think carefully and use your resources well. The clock is ticking!

According to a strange rule, 4 is half of 9, 7 is half of 12 and 3 is half of 3.

What is half of 13?

A hunter wants to kills a bear. He spots one and decides to take it by surprise. To skirt around it, the hunter walks 10km south, then 10km east, and finally 10km north, and there, surprise surprise, he find himself face to face with the bear, who hasn't moved at all.

What colour is the bear?



For me, future is before the past, life comes after death, birth happens before pregnancy.

What am I?

Answers will be available in the next issue of the MASS³ newsletter!

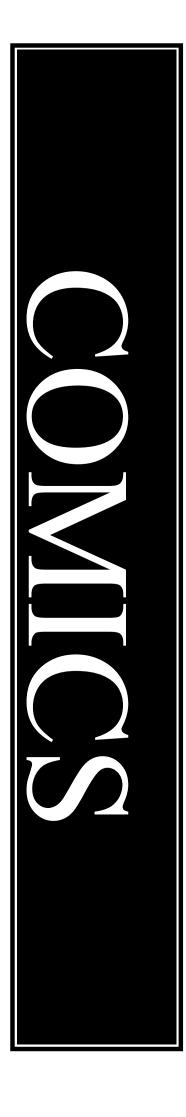
Simply can't wait that long?

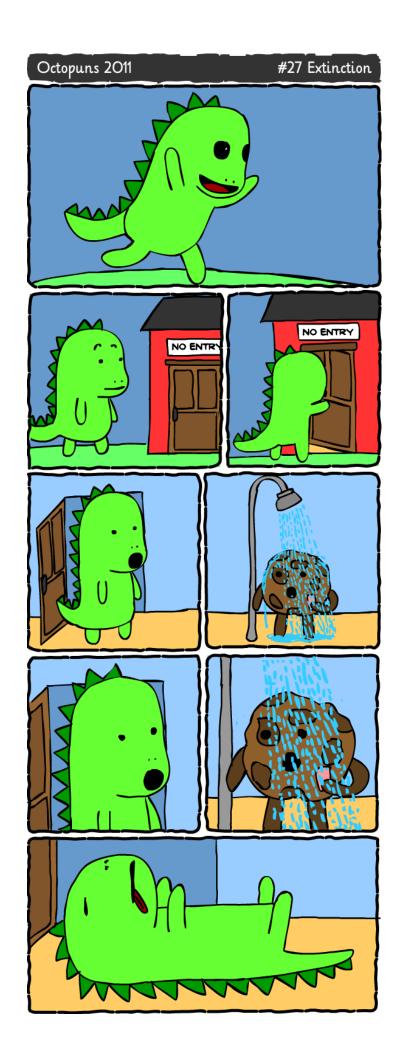
Email Icaul1@student.monash.edu and I will tell you if you have the answer!

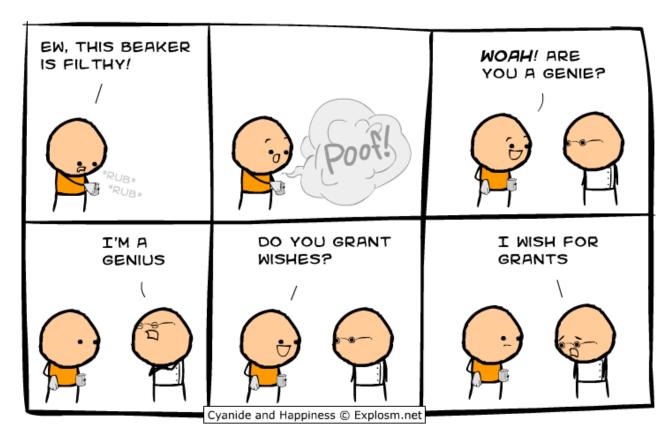
Special offer:

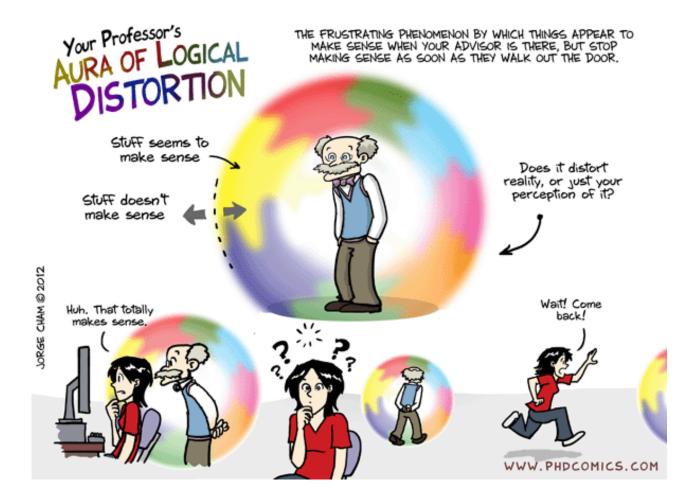
The first person to correctly solve Ben's cube puzzle (p.14) will win the amazing cash prize of \$20

So get cracking!









If you have any material, suggestions or ideas for next newsletter, or any queries, complaints, or advice for the editor:

Send me an email at: lcaul1@student.monash.edu

