

STUDENT AND TEACHER FEEDBACK/QUOTES

The following quotes have been collected from schools who have attended BioLAB for an in-house visit or have experienced an outreach visit.

Students are often asked to write down feedback on what they have experienced as part of our programs. We also regularly received emails and student work examples from teachers and students. This is a collection of some of the feedback collected over 2012.

Cobden Technical College – Eye In the Sky

- Every student felt like their understanding of the key knowledge we had covered in class was enhanced by using equipment that they would not have otherwise had access to. Because of this, some also felt like they now have an advantage over others, come exam time, who have not had the opportunity to use the technology. We have also had a more in depth discussion about careers in the sports science field this afternoon. The students all raved about this session
- *Alison Wigg (VCE Teacher)*

Matthew Flinders Girls Secondary College – Metabolic Madness (VCE PE)

The girls were totally involved and engaged with the monitoring and timing equipment as both sport scientists and athletes, which put a keen sense of reality to their learning.

No longer were we seeing laboratory styled sport investigative work on DVD's and in text books, we were living it.

It was an inspiring visit for our Year 11's and will switch them onto the science behind sport as a real and now tangible concept. Your high energy 'switched on' educative role was fantastic, both staff and students felt valued and included.

Renee (BioLAB Education Officer), the effort and time you took personally to ensure that this activity was specifically designed to our work on the energy systems and recovery through interval testing.

Amazing building, the professionalism of the staff, your uniforms and willingness to accommodate our activity with your technology was brilliant. – *Joy Carr VCE PE Teacher*

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Matthew Flinders Girls Secondary College – Human Machine

The BioLAB is amazing. The staff was very welcoming and professional.

Students were quickly engaged with an array of relevant theory. Students understanding of Maths and Science of the Human Body was then furthered by the practical applications provided at the centre. This hands on approach to student learning through creation of their own data, really augmented the students understanding. Thanks for the ride!

- *Jeremy Dyson (Year Level Manager Lead Teacher)*

Winchelsea Primary School – Beat That! (Outreach)

- Thank you to the BioLAB Officers, my highlight was all of it. I think I might choose sports science as a subject later on in life – *Josh (student)*
- A highlight for me was learning about and checking our heart rates, and learning about the blue whales heart. When I go to high school and in VCE I will make sports science one of my choices – *Monique (student)*
- I learnt that if you dissected your veins, arteries and capillaries you would stretch 2 and a half times around the world. We loved it, and want you to come back and do it all again - *Ebony & Murphy (Students)*
- I learnt so much about heart rates, it was fun in and enjoyable way. I had a really good time and I didn't even know about sports scientists and that footy players wear GPS trackers on them. *Ebony (student)*
- Thank you for letting us have a BIOLABICIOUS day!! Our highlight was using the heart rate monitors. - *Jacob & Alex (students)*
- A highlight for me was when we saw the blue whale heart, it was so big. Your technology is awesome, where do you get it from? - *Emma (student)*
- One of my main highlights is being one of the 'runners' that got to go outside with a GPS on me, while the others watched my heart rate. I was amazed seeing how big the blue whales heart was and that body parts can stretch around the world. - *Emily (student)*
- Thank you for the 10 out of 10 hands on activities. I really enjoyed the heart rate monitors and the GPS tracker. I would definitely do it again and I think it is something I am going to take on in the future. - *Matilda (student)*

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Winchelsea Primary School – Beat That! (Outreach) cont'd

- Thank you for coming to our school and showing us about the heart and letting us use the expensive equipment. I mostly enjoyed using the data loggers and heart monitors. I would love to do it again. – *Shalee (Student)*
- Thank you BioLAB for coming to our school. My highlight was when you showed us the human heart compared to a whale heart. I learnt how the arteries work and how the heart works when we exercise. I want to be a Sport Scientist.
Stephen (student)
- Thank you Renee, Marty & Rohan (BioLAB Education Officers), for coming to our school and teaching us about our bodies. Letting us use your expensive equipment. I enjoyed using the heart rate monitors. I learnt my maximum heart rate and the difference between heart beats when active and resting. I would like to have another visit from you to teach us more about our bodies. I hope I can come to the BioLAB one day as a student. - *Oliver (student)*

Point Lonsdale Primary School – Come Clean

- I feel very efficient holding my data logger and leaning over Ella (student) and measuring her heart rate! I can't wait until it is my turn to be the athlete. We got to wear lab coats, goggles and plastic gloves and I felt like a mad scientist and I don't think I was the only one, especially when we were pouring Isocol into a test tube, even if it is filled with mashed strawberries and soap! - *Tessie (Student)*
- Wow, I thought, we are doing DNA! - *James (student)*

Manor Lakes College – Human Machine & Come Clean

- We enjoyed the technology on the ipad and how it was connected with the respiratory face mask. - *Jordan (student)*
- We enjoyed rowing because it was really good fun and got the blood pumping and we exercised. - *Jordan (student)*
- This was a very educational experience, the testing, the video & discussion. - *Tom & Brooke (students)*



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Northern Bay Secondary College – Come Clean

The BioLAB Team were fun and friendly, and it was a great place. The experiments' were really good and I felt like an actual scientist that could break an athlete's career.

- *Kelly Tobin (Partnerships Coordinator/Teacher)*

Belmont Primary School – Beat That! & What Makes Me Tick

- I really enjoyed the Muscle Mania because you got to test your muscles. I also liked DNA detectives because I have never done anything like this before. I learnt about what is inside a cell, it was awesome! - *Matthew (student)*
- The laboratory was great and really fun with all the activities we had to do. My favourite activity was Muscle Mania and it was fun doing the activities and exercises. - *Josh (student)*
- Thank you for having me and the rest of the 5/6's at my school! I loved doing all the cool experiments and learning all those cool facts. I think heaps more schools should sign up for your great programs. - *Jacob (student)*
- In Beat That I liked how you could listen to your heart, my heart was beating fast. I liked how the data logger recorded your heart rate. I was a test dummy for the heart rate monitor and when the Education Officer said 'you're dead' when the data logger stopped beeping, that was funny. - *Finn (student)*
- One of my favourite things was working with Bob and Jimmy. I learnt about all kinds of bones. I also liked Beat That and loved how I could test my heart, it was beating really fast. I learnt that a whale is as big as the basketball court. I know now that the biggest artery in the human body is the aorta. - *Riley (student)*
- My favourite thing at the BioLAB was What Makes Me Tick. It was the DNA detectives and going on the Ipad. I got to put lots of sticky notes on bob (the human replica). *Adelaide (student)*
- Marty (Biolab Education Officer) I thank you so much that I want to give you 1 million dollars! I learned how to make DNA! I thought that was amazing and I also loved Muscle Mania it was so cool seeing how strong I was. - *Joel (student)*
- The think that I most enjoyed doing at the lab was the Bone Detective workshop. I liked it because we got to use IPads and sticky pads. I don't have an iPad at home, now I wish I did! I learnt that the femur is a long bone and that you use it for nearly everything. *Will (student)*
- I guessed how many times the heart beats in a day (100,000) and I was also the strongest person in our grade. I won a BioLAB drink bottle! - *Will (student)*

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Belmont Primary School – Beat That! & What Makes Me Tick (cont'd)

- Thank you for having us at the wonderful BioLAB and doing activities with us. For me this was a spectacular moment because I have never had the chance to be in any kind of lab such as this and do experiments. I liked Muscle Mania because my brain was really powering because I had to figure out the answers by myself. It was the first time I have ever used an iPad. In Beat That the best thing was listening to my own heart beat using the stethoscope. - *Sruthi (student)*
- I have learnt that we were born with 300 bones and the smallest is in your ear. Congratulations to the BioLAB Team – 3 cheers!! - *Caitlyn (student)*
- I really liked the Muscle Mania because we got to test your strength and look at the muscles in the microscope. I also loved the bone investigation because we got to use an iPad and look at different bones. - *Kory (student)*
- I strongly suggest you take the BioLAB on wheels and visit schools all over the country! I personally loved being a lab-rat, scientist and doctor, I hope you appreciated having us in the lab because we sure loved being there! Thank you for giving us all those opportunities we wouldn't get anywhere else. - *Hannah (student)*

North Geelong Secondary College – Come Clean

“Using different equipment was awesome.” - *student*

“Whole new outlook on Science just from being here.” - *student*

Belmont High School – Sprinter's Gene

“That was much better than what I expected” - *student*

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Lorne-Aireys P-12 – Beat That!

- I really enjoyed the course you ran for us. My favourite thing was the heart rate monitors. I thought it was cool being able to see what our hearts were doing. We also liked the GPS trackers so we could see their top speed, average speed and heart rate. - *Noah and Jye - Students*
- Thank you so much for the wonderful sessions. They were absolutely fantastic. The kids were totally engaged, had lots of fun and, importantly, learnt a great deal about the heart, heart health and the circulatory system.

I was so grateful for the teacher resources. It was very easy to create a hand-on, fun lesson to support your session. Due to the high level of interest and engagement we are now doing follow-up activities and research projects in Science.

Thanks again for organising the day so well. (All of your staff members were very impressive!)

Suzie Reeves- Teacher

Belmont High School Year 8 Blue – Beat That!

- I would consider maths, science & sport as a future career pathway because I enjoy these amazing subjects. *Ben (student)*
- A highlight today was testing my maximum heart rate. *Caitlin (student)*
- I learnt today how to track heart beat and I would consider a career in Maths Science & sport in the future. *Liam (student)*
- I learnt today that my heart rate can go up to 177, and Luke who is much bigger than me got his rate to 196. We would consider either Maths or Sports as a career pathway. *Robert & Luke (students)*
- A highlight today was hearing our heart beat and using the GPS tracking gear. I would consider Sport in the future. *James (Student)*