

A joint program



MONASH
University



AUS | truly inspiring kids about science

BIOEYES AUSTRALIA

An outreach program that excites
the next generation of scientists





Teaching life science skills while exciting children about the thrill of scientific discovery



OUR IMPACT:
2018 WILL SEE...

2463 STUDENTS REACHED

IN 36 DIFFERENT SCHOOLS

WITH 46 WEEK-LONG INCURSIONS

PLUS 303 STUDENTS ON-CAMPUS FOR BIOEYES WORKSHOPS

WHO ARE WE?

- BioEYES Australia is an award winning, hands-on approach to exciting primary and secondary students about science
- Our team consists of both doctoral trained research scientists and VIT certified school teachers. This places us in a unique position to excite students about life sciences.
- Demand for our program is consistently growing with BioEYES being booked out a year in advance. This demonstrates the value teachers, parents and students place on our program.

WHY?

Mission

Enrolments in senior school science and maths continues to decline with female students being underrepresented. We aim to capture the inherent curiosity that students have for science while opening their minds to fulfilling futures in this field.

Priorities

- Reach out to under-represented schools and excite all students about science
- Engage children in science with authentic hands-on activities
- Introduce students to the world of biomedical and scientific research
- Breakdown stereotypical views of science and scientists

WHAT DO WE DO?

Over the course of a week, students nurture the development of zebrafish embryos, observing their transformation from a fertilised egg to a free swimming larvae. Students study the lifespan and development of zebrafish, their anatomy and genetics. Our entire program is run at schools, making it accessible to students and their teachers.

Daily Activities Program

- Monday**
Students set up matings between male and female zebrafish
- Tuesday**
Students collect embryos and observe their early development under the microscope.
- Wednesday & Thursday**
Students monitor development of their embryos.
- Friday**
Students observe the transformation of the embryos into free swimming larvae and observe the heart beating the blood cells circulating.

Where

BioEYES Australia is run through the Biomedicine Discovery Institute (BDI) and the Australian Regenerative Medicine Institute (ARMI) at Monash University. The Monash BDI & ARMI are together one of the largest and highest quality biomedical research institutes in Australia, with more than 130 internationally-renowned research teams, working on global health priorities. With strong relationships between our team and these world class researchers, our BioEYES team has a unique opportunity to develop and deliver new and exciting outreach education programs to schools.

HOW?

Funding

We strive to keep our costs as low as possible to enable ALL students access to the program. Consequently, we cannot recoup the total costs of the program and must rely on additional funding. Some of this has been offered by the State and Federal governments in the past, as well as Monash sources, but we are now seeking partnerships with industry to allow us to continue to reach out to students and meet teacher demand.

TESTIMONIALS

‘Doing BioEYES has inspired me and I have learnt that science can be really fun.’
Grade 5 student

‘This program has opened my eyes to what science is really like and makes me want to pursue a career in biomedical science now!’
Year 10 student

‘There is no other more exciting way of learning science than no by observing living specimens!’
Lead science teacher

‘I would say this has been the most successful activity for drawing students into science and inspiring them to take a further interest in biology.’
Science teacher

‘Not only did BioEYES target the key learning outcomes of our unit, but it provided our students with the opportunity to identify as ‘real’ scientists and immerse themselves in the observation of the dramatic development of the Zebra Fish.’
Science teacher



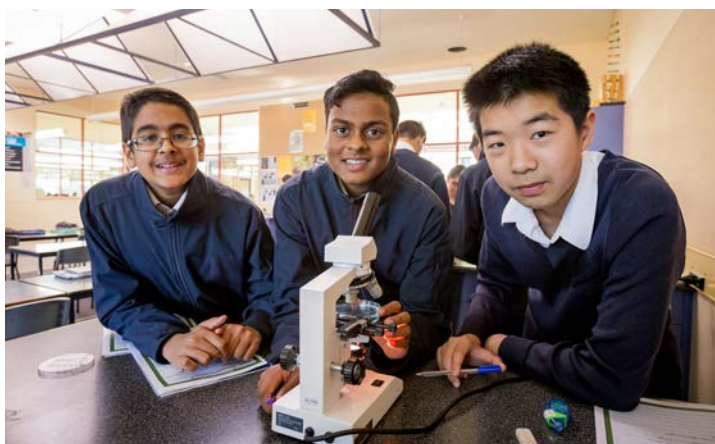
AWARD WINNING

In 2012, BioEYES Australia was named as one of the top 5 science and maths outreach projects in Victoria (BWE Foundation; Victorian Government Initiative)

HOW YOU CAN MAKE A DIFFERENCE!

We are experienced and passionate and we are looking for partners.

By supporting BioEYES with one of the following packages, you will be supporting continued opportunities to inspire the future generation of young scientists.



PLATINUM SUPPORT LEVEL \$50,000



Opportunities Created:

- Provide the BioEYES outreach education program for **1000** students
- Provide **1 class** an on-campus BioEYES workshop and tour of zebrafish facility at Monash University (Clayton)
- Delivery of 1 week BioEYES program to the school of your choice

GOLD SUPPORT LEVEL \$30,000



Opportunities Created:

- Provide the BioEYES outreach education program for **600** students
- Delivery of 1 week BioEYES program to the school of your choice

SILVER SUPPORT LEVEL \$20,000



Opportunities Created:

- Provide the BioEYES outreach education program for **400** students

BRONZE SUPPORT LEVEL \$10,000



Opportunities Created:

- Provide the BioEYES outreach education program for **200** students

We are open to discussing other ways that you may be able to support us should these levels not suit you. We encourage you to get in touch with us to find out how we can work together.

To show our appreciation of your gift, we will be very happy to include your logo on our website and on any promotional materials produced.

CONTACT US

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www.monash.edu/discovery-institute/engage/schools-and-communityoutreach/bioeyes-australia

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