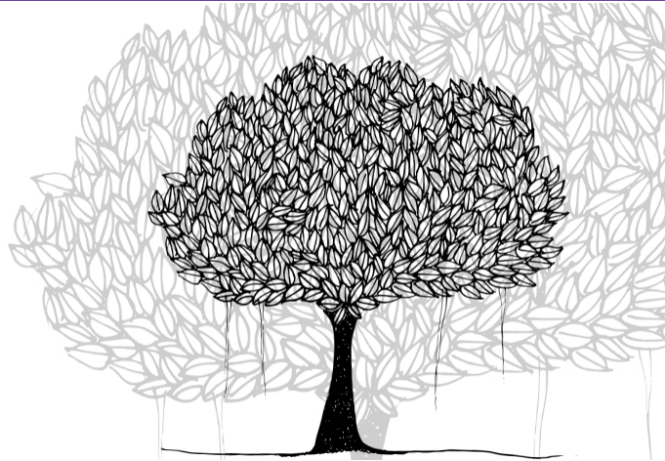


# THE BANYAN



Issue 152

September 16, 2022



Zhu Hai International School weekly newsletter



## From the First Floor

Dear ZIS Community,

We have returned from the Mid-Autumn Festival break with a shorter week, and it was an event filled four days. I trust the break gave you all the chance to enjoy some quiet time and the opportunity to enjoy our wonderful city.

Looking ahead on the calendar we have our first round of **MAP Growth** testing for our students in Years 3-10. This takes place the week of October 10-14. For families new to MAP testing (and to remind everyone else!) more information will be shared on this helpful diagnostic assessment series. If you would like a sneak peek, view these documents in [English](#) and [Chinese](#).

Late in that week, we welcome the **photographers** from Pret-a-Portrait who will capture our portraits and our class photos for your orders and for our yearbook. A photo schedule will be shared before they arrive for October 13-14.

The **ZIS Jaguars Team Sports** squads have started training and are off to tournaments in the region in the coming months. Good luck to all teams!

Our annual **Sundowner** was postponed earlier this week - I trust you received this unfortunate notification. We are looking at November as a possible alternate time to get together to enjoy our ZIS Community all in the same place, all at the same time. It is our 15 Year Anniversary and we must not miss this chance to celebrate!

Just a week away, we're ready for our first ever **Terry Fox Run**. Inspired by the courageous actions of this young athlete who lost his battle with cancer, our students are raising awareness and funds to support cancer research and treatment here in Guangdong. The event begins at 9:30am on Friday, September 23 and you are invited to join. Support the cause by purchasing a charm or by sending a donation to the school account with the note "Terry Fox Run". There are still a few sizes of the Terry Fox T-Shirt available - supplies are running out!

Thank you parents for your incredible support as we pursue our school mission for every ZIS student!

Warm Regards,

**Andrew VanderMeulen**

**Head of School**

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## Upcoming Events

**September 19:** Couch to 2k begins

**September 23:** Terry Fox Run

**September 24:** Saturday Sports begin

**October 10-14:** MAP Growth Testing

**October 13-14:** School Photo Days

**October 17-21:** CIS Accreditation Virtual Visit

...view the school calendar online at <http://zischina.com/calendars/>



HOW  
FAR  
CAN  
YOU  
GO?

I'M NOT A QUITTER

# TERRY FOX RUN at ZIS

## OUR GOALS:

- Can we run **1,000 KM?**
- Can we raise **25,000 RMB?**

**Start Time**    **Finish Time**

9:30 am

11:00 am

FRIDAY

SEPT

23

Perfectly Primary

INTRODUCING CAROLINE WEN

Hi, I'm Caroline. In 2017, I obtained my Master's degree in International Communication and Cooperation from Milan University, Italy. I obtained a bachelor's degree in China, where I majored in English.

I also passed the TEM8 and achieved language certificates of B2 for both German and Italian. In the past two years, I also gained the Certificate for Teachers of Chinese to Speakers of Other Languages(CTCSOL) and the Teacher Qualification Certificates for both kindergarten and primary school. I lived in Europe for about 6 years, where I taught and trained both adolescents and adults. After I returned to China, I've taught at kindergartens and training schools. Now I'm working as a Chinese homeroom teacher in Reception of ZIS EY Centre.

This experience has given me the unique opportunity to work with children and adults of all ages, and it was through teaching all ages that I realized cultivating young minds is what I want to do. Moreover, I like teaching and would like to devote myself to working with young kids. Seeing the children's pure and smiling faces every day is my biggest work motivation.

In my spare time, I like sightseeing, reading novels, and hanging out with friends. Seeing the world and experiencing different cultures and customs are my great passion.

Kind Regards,  
**Caroline Wen**  
**Reception Teacher**

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## Secondary Segment

### **GFP XLAB China Laboratory Scientific Research Project: Replicating the Nobel Prize Series**

At the beginning of the summer vacation one of my classmates and I went to Guangzhou to participate in the scientific research project of GFP, the Nobel Prize series, launched by XLAB China Laboratory. This experimental and scientific research project was carried out at the National Research Institute of Synthetic Biology in Guangzhou. It mainly focused on the process of reproducing the green fluorescent protein (GFP) of the 2008 Nobel Prize in

chemistry. The aim was to help students develop the mindset and knowledge of biology, chemistry, physics and other disciplines.

The scientific research lasted for five days. During these five days, students started from the most basic understanding of the equipment of the laboratory and then grew from there. The process included 1-2 large-scale experiments of incubation, inoculation, transfer, or extraction per day. As a middle school student with great interest in biology and marine biology, I had full expectations for this project before I participated.

I started my five-day "intensive training" from the moment I arrived at the institute. All the students were divided into three groups based on the small game of guessing the instruments or basic knowledge points needed in the experiment. The teachers of the research institutes were responsible for the teaching and guidance of each team.

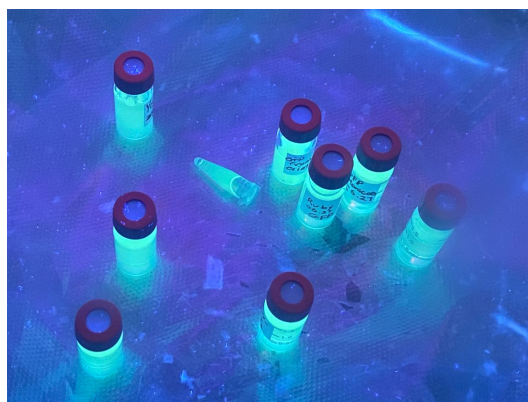
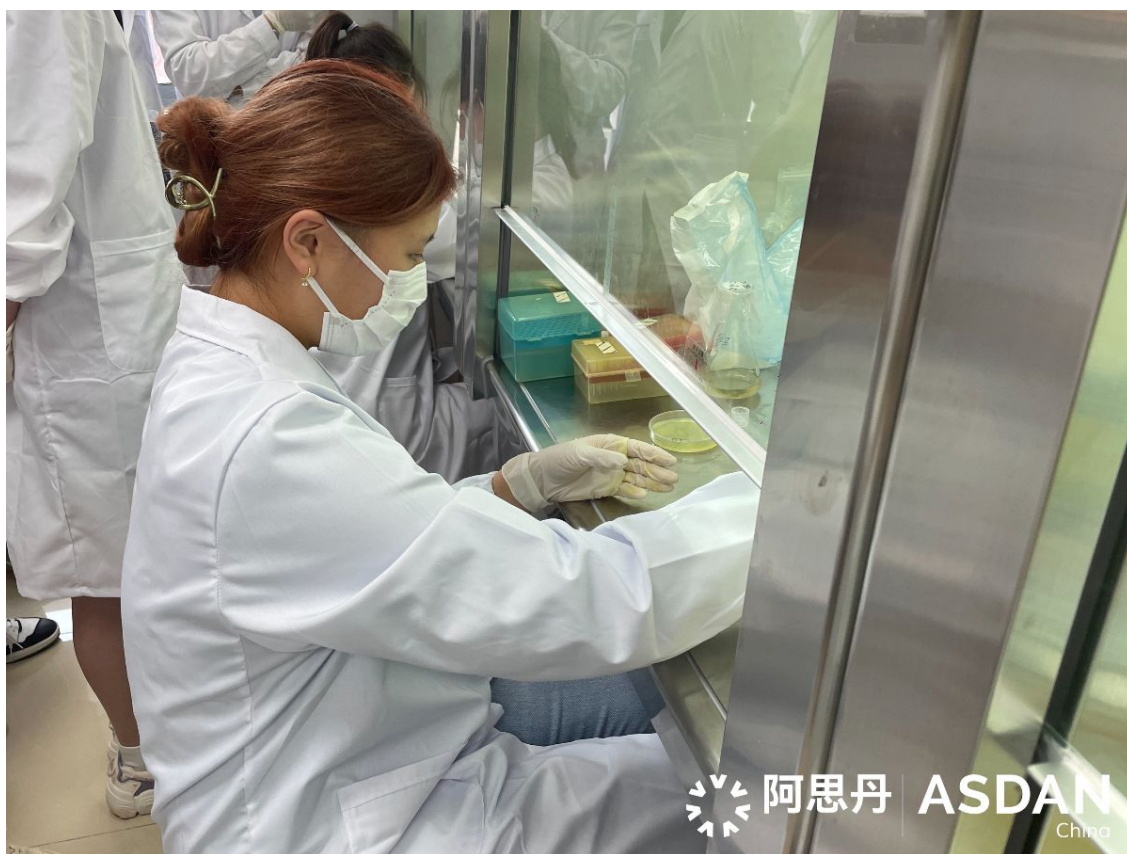
The five-day experiment included the extraction of GFP plasmid, the availability of *E. coli* competent cells, the use of gel electrophoresis, the transformation of plasmid into *E. coli* competent cells, the use of PCR technology, and the extraction of GFP protein. The whole process of scientific research consisted of six experiments. Finally, one millilitre of GFP green fluorescent protein was extracted and one graduation speech was implemented as the conclusion.

Our team was the only team made up entirely of girls. The efficiency and tacit understanding of our team were consistent and sustained from the beginning until the end. In addition, our team leader had more experience and knowledge about the experimental subject, she has helped us a lot both academically and with our confidence. This scientific research project has opened up a brand-new knowledge realm and laid a certain foundation for my future study.

**Monica**

Year 12





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# WHAT'S COOKING?

SCHOOL  
LUNCH



Lunch Menus,  
our food safety guidelines,  
and past editions of  
"The Banyan" Newsletter  
are available  
at [zischina.com](http://zischina.com)

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