



The Bear Essentials



The International School of Busan Weekly Newsletter

Saturday 19th November, 2022

Volume 4, Issue 13

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IMPORTANT DATES

19th November - SKAC MS Futsal Final at HIS
22nd November - Secondary SKAC STEM Event
23rd - 25th November - Grade 11 Exams
28th - 30th November - Grade 12 Exams
28th November - Season 2 ASA's begin
1st December - SKAC Spelling Bee at KFS (online)
3rd December - SAT at ISB
7th December - Early Years Winter Celebration
8th December - Grade 11 Drama Production

Featured Story



On Thursday 17th November, ISB hosted the SKAC High School Girls Volleyball Championships. Our Girls A Team came second after an extremely close game with BFS. Our Junior Varsity Team managed to finish first place in their group! The boys team also enjoyed a day of volleyball competing at the KISAC tournament at BFS. We all enjoyed a brilliant day of friendly competitive sport. We would like to say a big thank you to our Mr. Buck and Mr. Johnston for coaching our teams. All teams have improved visibly over the course of the season.

Withdrawal from ISB - Procedures

If your family is planning to leave ISB at the end of the semester, we would be very grateful if you could fill out this [withdrawal form](#). Some of our year groups are currently oversubscribed, so having accurate enrollment figures for the start of semester two will ensure we are communicating the correct information to prospective families that may be joining us in January. If you are leaving our community, we hope that you and your family have enjoyed your time at ISB. After filling out the form, we will contact you regarding the next steps and provide more information. Please note that the form should be submitted before the end of November if your child will be leaving in December 2022 or January 2023.

Keeping Our Community Safe

This week our staff undertook CPR and First Aid Training in order to be better prepared in the event of an emergency. During the session, staff members learned how to correctly perform chest compressions for adults, as well as infants, proper use of an AED (Automated External Defibrillation), and first aid for a choking adult and infant. They also learned the correct way to administer an Epipen. These are important skills for our teachers.





ISB
INTERNATIONAL SCHOOL OF BUSAN
Est. 1983

**PARENT
WORKSHOP**

& PTA Coffee Morning

30th November, 2022
8.45 am - 10.00 am



HEALTHY
HAPPY
LEARNING

**THE EARLY
YEARS
at
ISB**

INTERNATIONAL SCHOOL OF BUSAN
Est. 1983

QR code

Save the Date

On Wednesday 30th November we host our monthly Parent Workshop. This month's focus will be on the Early Years at ISB. It will be led by Early Years Teachers and our PYP Coordinator Jennifer Fenton. The PTA Coffee Morning will take place directly after the workshop. We hope that you will be able to come along and join this community event!

ISB Hosts Google Summit

The Future of Education – Korea Google for Education Summit is taking place on campus this weekend. This is a professional development event that is one of the first major face-to-face international school conferences in the region since the start of the pandemic. The focus of the conference is 'The Future of Education'; taking the lessons from the pandemic and applying them to the new vision of teaching and learning for the future. We have some inspiring keynote speakers who have flown in from around the world. We also have teachers from other international schools attending from across the region.



Simon McCloskey

I would like to thank Dale Plotzki, our Technology and Learning Innovation Coordinator, who has done a fantastic job organising and coordinating this conference. Planning for this event began well over a year ago. We are very fortunate to have so many talented presenters and trainers on campus at ISB this weekend to stimulate new ideas and provide quality professional development for our teachers.



School Improvement

This week we removed the fencing and completed the groundwork for our new outdoor gym. The custom made outdoor fitness equipment will be delivered and installed over the next couple of weeks. The area will then be landscaped.

We are excited to have a new fitness/learning area on campus!



Approaching Technology With Your Children

I would like to remind you about or bring your attention to an excellent website for all things related to technology: [Common Sense Media](#). As a parent, it can feel overwhelming to keep up with the latest available apps, movies, shows, books, and research related to technology.

Common Sense Media has endless, research-based tips for parents. Don't know what Tik-Tok is, much less why young people are using it? They have a [guide with a video](#) to inform you. Not sure if your child should be watching a certain movie or playing a certain game? The site provides recommended viewing ages, and often includes ratings by parents and children.



Ellenore Hibon
School Counsellor

There is a [Parent Tips and FAQs section](#) with information by age group (from 2 yrs old to the teenage years), by Topic (Screentime, Social Media, Online Safety, etcetera), and by platform (guides to Tik Tok, Snapchat, Fortnite, Minecraft, etcetera). Common Sense Media is a site worth exploring and bookmarking.

Best regards,

Ellenore Hibon

School Counsellor

Whole School News

SKAC Futsal Championships

Our Middle School Futsal teams are in action at Handong International School in Pohang this weekend. We wish them every success! A big thank you to Ms. Tina, Mr. Howorth and Mr. Byrne for accompanying and coaching the teams. Go Bears!



MS FUTSAL CHAMPIONSHIPS



Message from Elementary Principal

This week, PYP students explored ways to show their kindness to each other, as we celebrated Kindness week. At our assembly on Thursday, classes shared their learning with each other with slides and presentations. We finished by making origami hearts together. What a wonderful opportunity to develop the Learner Profile traits of being Caring and Principled learners



Kevin Smith



Drumming ASA Performance

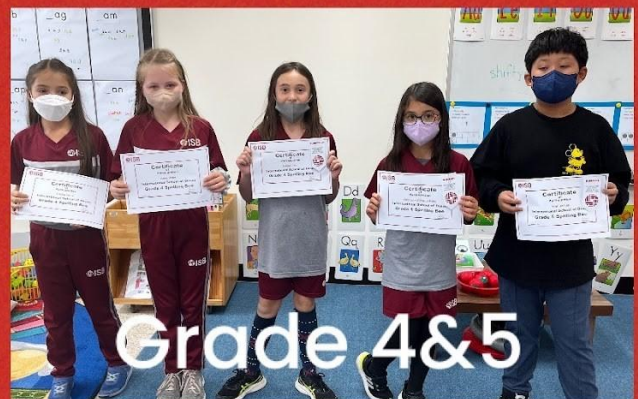
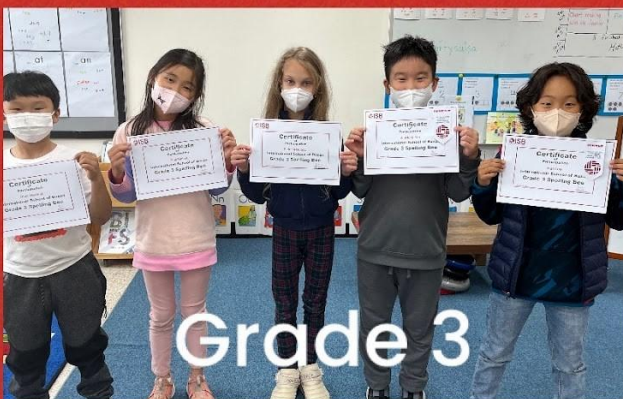
Students in the Kindergarten to Grade 2 Drumming ASA put on a wonderful performance for the elementary school. Students had to follow the directions from the conductor, memorise their rhythmic patterns, and stay in time with the group. Well done to the drummers for an enthusiastic performance!



ISB Spelling Bee

Twenty-eight students from Grades 1 to 5 participated in the ISB Spelling Bee this week. Each Grade level had their own list of 100 words to learn from the Scripps National Spelling Bee. We are so impressed with our students' enthusiasm for this event and their commitment to learning how to spell these words. Not an easy task! The top two spellers from each grade will represent ISB at the SKAC Spelling Bee, a virtual event taking place on December 1 during the school day. Congratulations to all who took part!

ISB Spelling Bee



Kindness Week in Art

We celebrated Kindness Week at ISB. Often we see birds which hit the windows near the cafeteria and die or get hurt. The children saw one last week, on Thursday and asked: "What can we do to help to protect the birds?". We came up with an idea to decorate the glass windows with origami hearts chains and stained glass paintings so that the birds don't fly into the transparent window.

We learned how to fold origami hearts and enjoyed working together with our friends to set them up on the strings. We also created origami hearts in the Kindness Week House assembly.

The children were inspired by Henri Matisse and other examples of stained glass windows and explored the glass painting technique. This was a new technique that they experimented with and they enjoyed it a lot. All the children from Elementary school had the opportunity to create their own glass deco painting and origami hearts to contribute to this project to save the birds.



Kindness Week Assembly

This week Elementary students came together in their House Teams to share their learning about Kindness. Each class presented their experiences and students collaborated across grade levels to make origami hearts which will be hung on the cafeteria approach windows to deter birds from crashing into them by mistake. During the assembly we also acknowledged the important work of the Student Council and celebrated the achievements of the Cross Country team.



Early Years River Walk

On Wednesday Early Years 2 and Kindergarten went for a walk by the river and then we played together. We were very creative in our role play in the pagoda where we danced, jumped and performed some different routines.



Grade 1 - Library Visit

Grade one students visited the Naeri Saera library near ISB. They learned how to use the public library and enjoyed reading in different cosy spots. A fun library visit is one of the ways we encourage our students to enjoy reading for the rest of their lives. We hope that this activity will help them enjoy reading more.



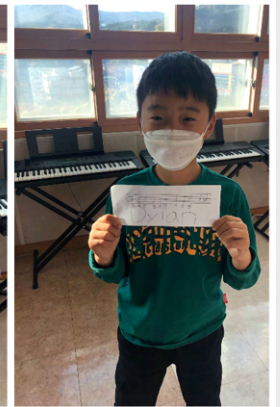


Grade 2 Walk to Science Museum

The Grade 2 students enjoyed an active morning of outdoor play at the Science Museum. Afterwards, they tried hard to create their own maps showing the route from ISB to the playground. This fun adventure supported their inquiry into Where We Are in Place and Time (Our World).

Grade 3 Music Notation

Students in grade 3 have been learning the descant recorder in music lessons. As part of this process they are learning how to read traditional notation on a music stave. Students are learning how to recognise the notes B, A and G and are using this knowledge to write their own compositions. Students are enjoying teaching each other their own compositions using music notation. Well done grade 3!



Grade 5 Camp

Last week, Grade 5 had the exciting opportunity to go to a 3-day camp in Geoje! Students learned about oceans and ways to prevent plastic pollution, explored nature and used teamwork on forest hikes and orienteering, and enjoyed night skies and constellations while star-gazing. This was the first time many of these fifth graders went away from home, so we are super proud of their risk-taking skills and bravery!



Another fantastic week of learning in the Secondary School. On Monday we recognized World Kindness Day during homeroom and discussed the “butterfly effect” of good deeds. Some students put it into practice through random acts of kindness of their own.

Grade 7 and 8 Korean B students got to practise their skills in the real world by walking over to the farm cafe and practising ordering in Korean. We strive to apply learning wherever possible and short activities such as these add up to clarify the utility of learning to our students.



Gilles Buck

The SKAC STEM fair, which will be held virtually on Tuesday 22 November 2022, is an opportunity for students to apply the scientific method to conduct independent research of a problem or investigation. Our students were hard at work over the past six weeks, investigating the following; tensile strength of paper towels (Ellora), diffusion rates of different shaped tea bags (Daniil), morse code encryption(Ian), velocity of cycling vehicles (Kyli) and technology use on behaviour (David). These will now be sent to a virtual judges panel where students will be judged to have used the scientific method properly and who have demonstrated thoroughness in their study and effort. Please join me in wishing them well.

It is a time of the semester where more assessments are taking place including upcoming Grade 11 exams. This can be a particularly stressful time for students and this is the reason we try to equip our students with the necessary tools to cope in a healthy positive manner with the demands of school. The Secondary Wellbeing Program is delivered to students during homeroom every week. Our aim is to support the mental health and wellbeing of students by providing them with reliable information about a variety of mental health and wellbeing topics, encourage discussion, and deepen their understanding of the choices they face. In the last few weeks, during homeroom, secondary students have been learning about the connection between thoughts, emotions, and actions; and identifying how thoughts and emotions affect decision making and responsible behaviour. Another topic that students worked on recently in homeroom was Stress, learning to identify physical and emotional symptoms of stress; defining internal and external causes of stress; and describing different techniques to use to manage stress effectively.



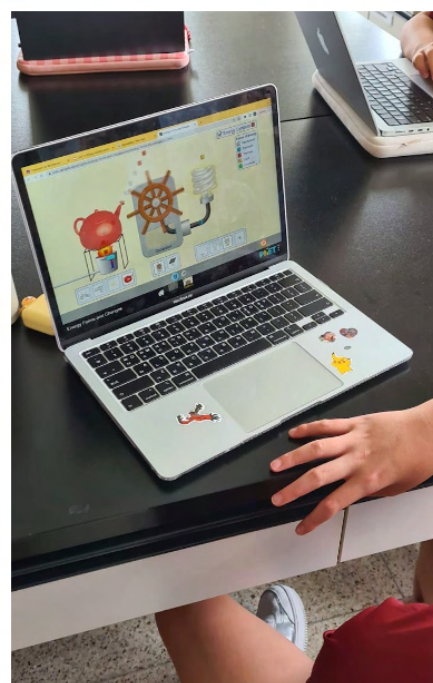
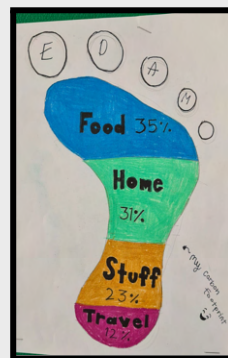
Pictured above - Korean B students putting language skills into a real life context at the local cafe.

College Corner

Our College Counselor, GJ Johnson, will be updating College Counseling information in this section of the Newsletter every other week. Here is last week's edition of the [College Counseling letter](#).

Grade 6

As they began their journey through the wonderful world of secondary science, Grade 6 students learned about being scientists with its central idea of the scientific method. To understand this they conducted real and simulated experiments testing the period of a pendulum, the extension of a spring and the heating effects of different fuels to identify variables, record data, analyse the data and then make conclusions. They then went on to look at Energy and its transformation by testing the heating value of different foods, and drawing and explaining Sankey diagrams. This section of the unit ended with students researching climate change and carbon footprints and then used their findings to prepare a WeVideo presentation.



Grade 7

Grade 7 completed the human physiology unit with a heart and lung dissection and an investigation into one of the diseases caused by smoking. In this report they practised their research, paraphrasing and citations skills.

Jen Shiuan wrote an essay on heart disease, Yulie wrote an essay on Emphysema and Aylin wrote an essay on Lung Cancer. Our new unit investigates heat transfers including conduction, convection and radiation. This is a practical unit with many inquiry based investigations.

Grade 8

Grade 8 students are wrapping up their first chemistry unit of the year. They have been looking at neutralisation reactions, with a specific focus on how to choose appropriate materials to build structures. We've learned about the properties of metals and nonmetals and how alloys are made. The images below show students mixing playdough with different quantities of sand to demonstrate the different ductility and malleability of these samples, which models the concept of what happens when alloys are created.



Image 1: Bekah creates her "alloy"

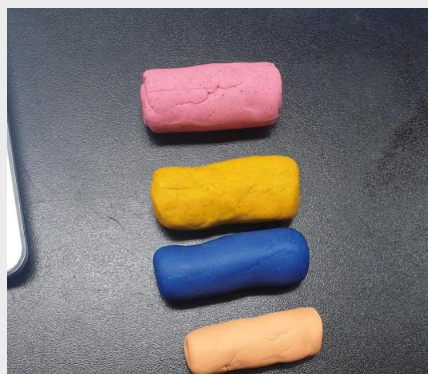


Image 2: 4 different alloys each with different properties



Image 3: Isaiah focuses as he adds sand to his playdoh

Students conducted a variety of experiments where they reacted different acids, (replicating acid rain) with metal oxides, hydroxides and carbonates. Each of these neutralisation reactions demonstrated a chemical reaction that has to be considered when choosing what materials to use to build things out of.

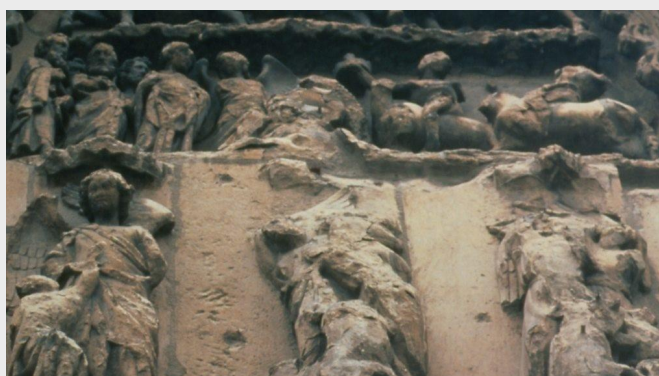


Figure 1: Limestone carvings that have dissolved due to the chemical reaction between calcium carbonate and sulfuric acid.

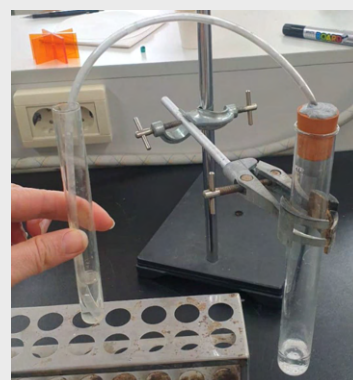


Figure 2: Limestone reacting with sulfuric acid in the laboratory. Collecting carbon dioxide gas as we go.

Grade 9

Grade 9's rounded their final chemistry unit off by researching and writing an essay about a global problem that has been addressed using a halogen or a halogen derivative. Students wrote some excellent essays on a range of topics, including the use of chlorine to disinfect water sources and therefore reduce waterborne diseases. Others researched the problem of tooth decay and the creation of fluoridated toothpastes as a solution. Arne wrote a very impressive essay that looked into the issue of the toxicity and the flammable nature of early refrigerants and the use of CFCs in creating more effective, if more environmentally damaging refrigeration systems. Please read his essay [here](#). We have now moved on to the microscopic world of cellular biology and are learning about what makes living things "living", what cells are made up of and the molecules of life.

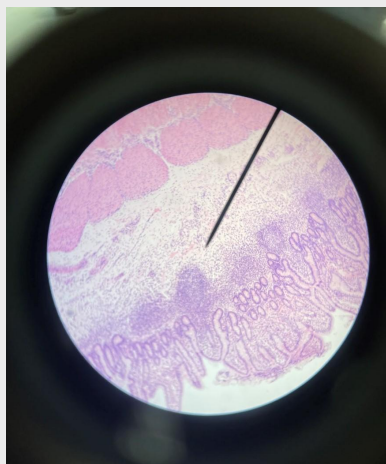


Image 1: Mammals Intestine (by Taehee)



Image 2: Yumi observes

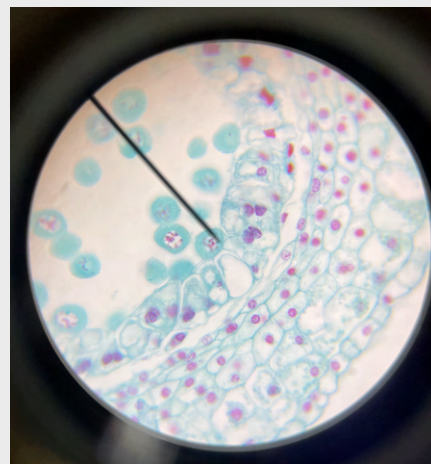


Image 3: Anthers of a Lily (by Taehee)



Grade 10

Grade 10 students recently visited the Nuclear Power facility in Gijang where they were shown around a model of the facility. This was a fascinating visit, especially given the current and ongoing energy crisis. Following that we completed a unit on acids and bases which included a criterion D assignment on use of fossil fuels as an energy source. The acids and bases unit had many practical investigations and application to chemical reactions used in everyday life. Students also had an opportunity to use a chemical technique known as cyanotyping to produce botanical artworks.

Grade 11

In grade 11 Physics, we have been exploring waves and their properties. Students have explored ideas about the interactions of waves, how polarised sunglasses work, why light bends when it enters water and why you wouldn't hear an explosion in space. We will continue by looking into how a flute makes sound, why a theatre has to be designed to avoid sound "dead spots" and how light can cancel itself out.

In grade 11 Chemistry, we have been exploring the chemistry of transition metals and what makes them special, including how they make coloured complexes and why some materials are magnetic. We are moving on to the more practical unit of stoichiometry where the students will be conducting their first written labs. Next week, we will look at how to determine the empirical formula of a hydrate.

Students were fortunate enough to visit the UNIST campus in Gijang where they visited the imaging centre, the nuclear power faculty and the sodium (sea water) battery research lab. The biology students particularly enjoyed the imaging centre as they have recently completed a unit on microscopy. Biology students are currently in the second unit which includes biological molecules and biochemical pathways and are gearing up for their first set of DP practice exams that begin next week.



Grade 12

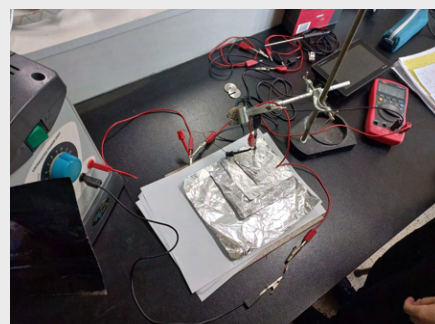
In grade 12 Physics, the students are currently conducting their IAs. This is a component of their final grading for the IB. The students choose a topic and conduct an experiment to explore a relationship. Some examples can be found below.



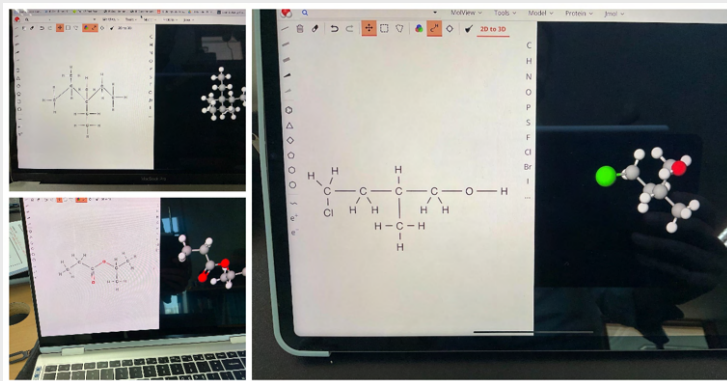
Noah's IA relates to the loss of energy in collisions.



Jiyeon's experiment is about the change in specific heat capacity as concentration of sugar increases.



Danny's experiment is on the effect of the area of a parallel plate capacitor on the charge stored.



Grade 12 Biology students have finally reached the Human Physiology section of the DP Biology course in which we learn all about the body systems. So far we have completed a section on the digestive system and are now learning all about the circulatory system and the heart. Students are also working on completing their draft Internal Assessments which are due on Monday next week.

Their final report is due after the winter break. This task will make up 20% of their final Biology grade.

In grade 12 Chemistry, students have been developing their understanding of organic molecules and their chemistry. One activity they recently completed was designing their own molecules, simulating those molecules and then the other students had to figure out how to name each other's creations. Soon they will embark on their IAs, where they will design an experiment to find the relationships in a chemical reaction.

Eco-Schools Update

MSC @ ISB!

Hyun-ji from the [Marine Stewardship Council](#) (MSC) visited ISB this Monday to discuss internship opportunities with middle and high school Eco Club members (see below). On June 8, 2022, ISB signed a Memorandum of Understanding (MoU) with MSC that "signifies a cooperative partnership between both organisations to develop and facilitate education on the importance of sustainable fishing practices for future generations, provide students with internship and learning opportunities, and implement the MSC cafeteria program on campus to utilise sustainably sourced seafood in the school menu" ([Busan Haps magazine](#)).

Eco Club members hope to utilise this opportunity to create authentic and meaningful connections with the local community in order to bring awareness to maritime issues and/or problem-solve environmental concerns related to our ocean and coastline.

Our Mission: To engage and empower students to collaborate and take action on meaningful environmental issues that make ISB, and the world, a more sustainable and vibrant place to live.

Our Vision: To nurture a love of nature and inspire the community to make change happen. We hope to stimulate the values of creativity, kindness, wisdom, and empathy that allow a sustainable world to flourish, creating positive change for all



Go green,
keep it clean!

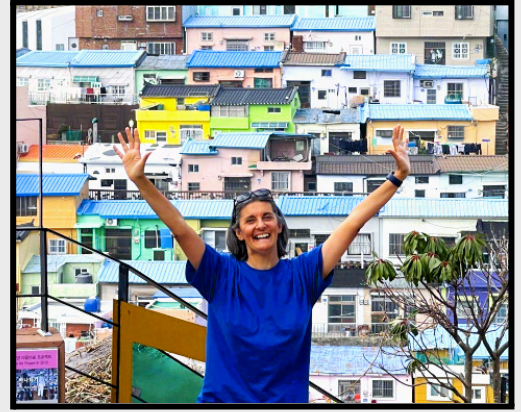
Each week we feature an ISB Teacher in our newsletter.
This week we interviewed **Kate Rock**.

Qualification and certifications:

BA (QTS) Hons in Arts Education.

What is your role at ISB?

I am the Grade 2 homeroom teacher, a proud member of Hallasan house, and am also an apprentice Dragon Master.



Our community really is an international community! Where would you say you're from and where else have you lived?

I am from the UK and most recently I lived in London. I have also lived and worked as an international teacher in the USA and Thailand.

What inspired you to become a teacher?

Many of my family members are teachers and so I wanted to become one and follow the family tradition. I love being a teacher!

What is your educational philosophy?

Be kind. Have fun and try your best. Mistakes help us learn. Reading is the key.

What made you choose ISB?

I had heard many wonderful things about ISB and was excited about joining such a fantastic team. I was also delighted about living near the beach in beautiful Busan.

What is the best part of your job?

Laughing and learning every day with my wonderful students.

What are your hobbies and interests?

Learning new things, photography, having exciting adventures, reading, being in nature, eating delicious food, and laughing every day.

What is your favourite quote?

There are lots of quotes that inspire me. Here are two of my favourites:

- *Everything is awesome. Everything is cool when you're part of a team.*
- *Clap along if you know what happiness is to you.*

What is the impact you'd like to have on the world?

I try to help people find their own happiness within themselves, so that they can be a source of kindness.

From the School Shop

The ISB school shop had a refresh over Fall Break. We have new paint, display racks and shelving. The shop looks great!



Winter is coming and the ISB sweatshirts have been ordered and we are patiently waiting for their arrival. We will have a fresh supply of ISB hoodies, zip ups, and crew neck sweatshirts soon. Don't forget you can order online and your child can pick up at the shop.

The shop is also now selling long sleeve burgundy ISB t-shirts. These are perfect for the cooler weather and can be worn under your child's PE uniform too.

We continue to sell PE uniforms, House t-shirts and other school items. Come stop in to say hello every Monday and Wednesday from 8:30-4.00.

From the PTA

PTA Meeting

There will be a PTA meeting on Wednesday, 30th November immediately following the Parent Workshop. The meeting will focus on holiday event planning. Those who are attending the meeting are encouraged to bring a dessert and food will be exchanged to bring home. Members will be working together to plan holiday events, such as staff gifts, primary holiday events, and the secondary winter formal.

Many parents and staff have supported the PTA in a variety of ways. The PTA would like to say thank you for all of your help and support.

| Chuseok Event | Picture Day | Elementary Sports Camp | International Day | Concession Stand Volunteers | Secondary CAS Event | Other Donations |
|--|--|--|---|--|--|--|
| Katerina Carmen Rentz Kellie Yi Jia Kim | Nino Mauceri Emma Grann Nicole Kim Sarah Leech Jia Kim Elnaz Sina | Raisa Yoojin Seungho Hyunsun Park | Booth participants General Volunteers Guests Raffle Prize Donors | Nino Mauceri Raisa Rumi Jessica Lafferty Sarah Leech Meredith Cherisse G | Sarah Leech Danijela Jurkovic Akiko Ruoff Armagham Shannon Theut Amanda McCloskey | 박혜진 Susan Yum Darwin Valencia Corey Jessa Ducreux Shannon Theut |