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NEWSLETTER

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SWIMMING GALA 2019



On Friday the 10th of May the swimming gala took place at ISSR Primary school. It was a full schedule with many age categories and a variety of races. The students had been practicing in PE and some very committed students had been swimming before class. We have never had so many students signed up and it was wonderful to see them compete. It was an exciting afternoon with many thrilling races during both the heats and finals. A huge congratulations to all that took part, well done to all those who made it to the finals and in particular those that earned third, second or first place in their event.

Thank you to everyone who came to support our swimmers at the swimming gala. Thanks to Hope School and SRSA for entering teams to compete and a big thank you to all the teachers who volunteered to help out on the day. In total, we raised an amazing \$373 for Angkor Hospital for Children and Kantha Bopha. Thank you to everyone for your generosity at the event.

Ms. Claudine



KANTHA BOPHA
Children's Hospitals





The Design Department 2019 Regatta

The Design Department Regatta is an event where the Year 8 students working in groups build their own boats using recycle materials like cardboard and plastic bottles. The fastest floating vessel to complete 3 laps of the swimming pool is declared the winner. The participants designed and made 5 boats of different shapes and sizes. The ones with the best design in appearance and style won a special prize.

The race started at 3pm and after 3 laps the team consisting of Ga Eun and Sharlyn emerged as the winner. Their Yellow Rocket boat stayed afloat throughout the course. Well done to All the Year 8 Design students and champion rowers.

Mr. Taliv



Waste that doesn't exist!?



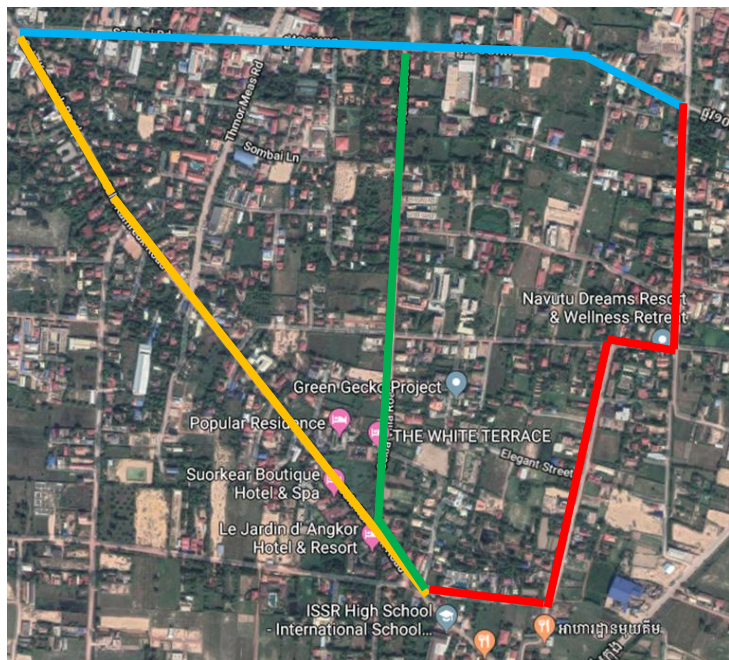
World Environment Day – Our way to tackle it.

In nature, there is no waste. When a tree falls in the forest, it decomposes and adds new life to the soil. When an animal eats and digests its food, the bi-product becomes fertilizer. We, humans, are the only species that produce waste. We consume, we finish and we throw it away without much consideration. At the same time, our populations are increasing and putting pressure on natural resources. That same demand for natural resources is the cause of animal populations decreasing or becoming extinct. At the moment, the equation is simple, the more we use, the more we lose.

Humankind's ability to turn oil into plastic has changed the way all people live their lives today. Such technological wonder makes us feel comfortable that there must be someone, somewhere, doing something about keeping us all alive. If that were true then we'd have **nothing to worry about**. The fact is, we do have something to worry about. Something so big that not even governments and companies can solve it through policy or new technology, not in the short term anyway.

What can we do? Are we helpless? Should we just give up and face the inevitable? Who is responsible? Do we all know enough about the depth of the issue of waste management? Have we any idea of the cost and who will pay for it?

The cost of ignoring these issues is the loss of society as we know it. If you doubt this then you join the ranks of people who fear change and have had it too good for too long. It's past time to act. It's overdue to act. The time for action was yesterday, not tomorrow but it's what you do today that counts.



Our school, our students, our community is screaming for change. Young people are monitoring the actions of older generations and what they see is an inability to take responsibility. **On Wednesday, June 5th, ISSR High School Campus will take action.** Around the planet, **World Environment Day** will be recognised this year by a school wide project. Our whole school, students and teachers, will set out along **Sala Kammreuk Commune** to pick up refuse and waste. We will be joined by members of the commune and special representatives. We intend, not only, to pick it up but to analyse what it is, where it came from, why it's there and determine what we could do with it. Re-using, recycling and re-purposing are just the beginning. What does it comprise of, what does it weigh, is there any connection between types of waste and the way we live our lives? Is there a way to monetize it and offset the cost? Students will get an opportunity to consider how can we lead a more sustainable existence and reduce the amount of **single use** waste in our lives. **Cleaning up is great but we want to affect the kind of change that makes us consider how it arrived to us as trash, as well as, what happens to it next.**

After the event, **students will participate in workshops and focus groups** to heighten their awareness of the multitude of strategies and options available to all humankind. This clean-up is something the school takes very seriously. Ms. Giulia and Ms. Li Wei have been the driving force behind the project and many thanks in advance go to them both.

So, here we are. You've read the article, you know our intentions and the dates. What are you prepared to do about waste? You know the consequences and you have opportunities. So, what's stopping you contributing to waste reduction, management and sustainability? Remember, there is no waste in nature so let's get back to nature.

Citizen of planet Earth / Teacher
Michael Tait



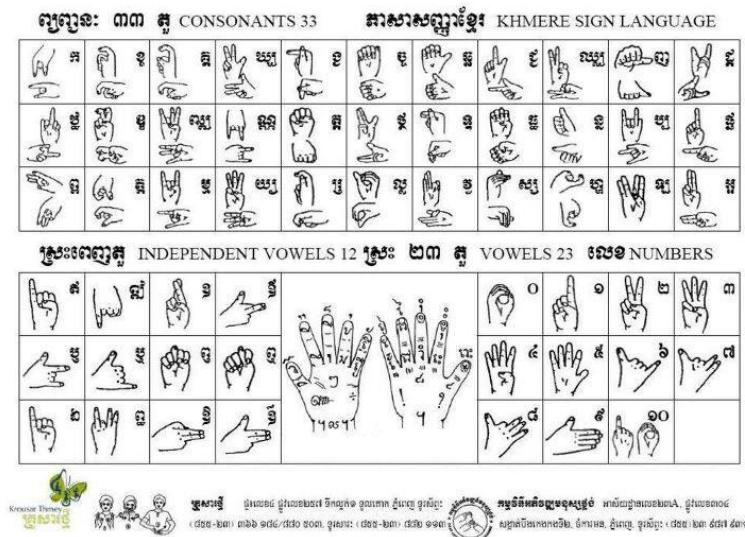
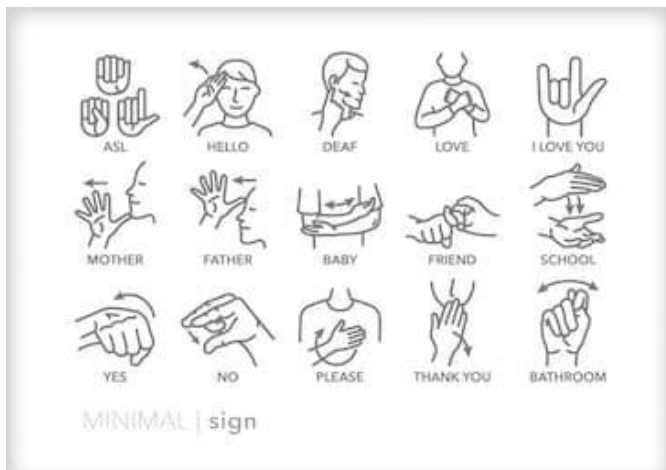
American Sign Language Workshop

On Monday, 29th April, We had the chance to have an assembly led by Quentin Alexandre the program manager of the XLability Project, part of the NGO Soulcial Trust. It was great to hear about the importance of inclusivity and learning how to sign our names.

Their main mission of this organization is to support the social inclusion of people with disabilities and to raise awareness about environmentally sustainable practices. As their website explains in Cambodia, children with disabilities are confronted with many challenges including a lack of education, healthcare and are often excluded from society. They are often kept hidden from others by their parents to help protect them from abuse, or because they are too ashamed to show that their children have a mental or physical impairment, a strong taboo in this karma-focused society. As a result, children with disabilities are in deep need of physical and social activities, essential for the children's development. In the long term, the students at ISSR are keen to keep on linking with XLability, and attend and participate in their sports events.

On Friday 3rd May, students attended an American Sign Language class taught by Mr. Nuon from Krousar Thmey School for Deaf and Blind Children. During the lesson students learnt basic greetings and important expressions to communicate with deaf people. It was a fun and enhancing workshop. Thank you Nr. Nuon!

<http://www.soulcialtrust.org/>





Future Jobs – Year 10 PSHE

Do you remember what life was like before iPhones existed? What about before Facebook? The internet? Probably not.

By 2025, we'll lose over five million jobs to automation. That means that future jobs will look vastly different by the time present high school students' graduate from university. Future jobs will involve knowledge creation and innovation. Machines will be freeing people up to explore, experiment and find interesting solutions to complex problems, like pollution.

Some important skills that will be essential to students' future success include:

Mental Elasticity and Complex Problem Solving: The future is going to bring about problems that have never been seen before in a world and never experienced. In order to solve these problems, people will need to have the mental flexibility to think outside of the box, see the big picture and rearrange things to find a solution.

Critical Thinking: Future careers will require people to have excellent critical thinking skills. They will constantly need to be analysing various situations, considering multiple solutions and making decisions on the fly through logic and reasoning.

Creativity: The more creative you are, the less likely you are to lose your job to a robot! While robots may be better than people at calculating and diagnosing problems, they aren't very good at creating original content, thinking outside the box or being abstract. Yet.

STEM/STEAM: Even though science, technology, engineering, art and mathematics jobs will continue to be available in the future as technology progresses, students will need to have more advanced STEM/STEAM skills to keep up.

SMAC: You've heard of STEM but you probably haven't heard of SMAC (social, mobile, analytics and cloud). Learning all of these skills/platforms will make students stand out in the future job market!

Interdisciplinary Knowledge: Future careers will require students to pull information from many different fields to come up with creative solutions to future problems.

The Year 10 PSHE students investigated a series of future jobs and explored the types of skills that would be needed to do these jobs in the future. They presented their findings in an assembly on Monday 6th May.

Energy technicians

- Solar installers are expected to increase by 105%
- Decreasing cost of solar energy
- Solar energy : 2026~30,000 jobs
- Wind turbines service technicians to double
- Wind energy : 2026~14,000 jobs
- Need of fighting the global warming

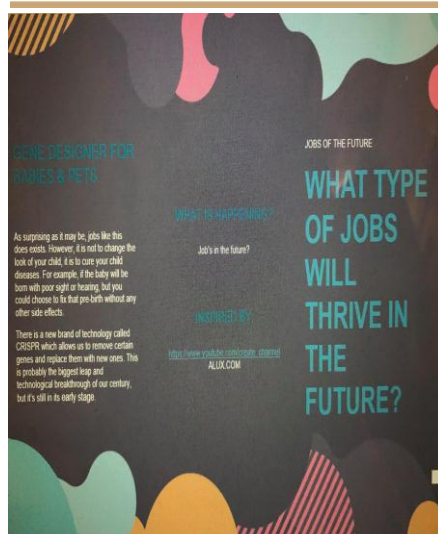


Cyborg Designer

Cyborg is a being with both organic and biomechatronic body parts.

- Either wearing glasses over wearables
- Exoskeletons to implants

The cyborgs would communicate with the brain in order to do what the brain is wanting to do.



Sports Industry

What is it?

Many jobs:

- Sports medicine aide
- Athletic trainer
- Nutritionist

\$500 billion-\$1.3 billion



Trash Engineer

- Due to Pollution and Climate Change, Trash Engineering will be a **crucial** job in the future.
- While it might sound like a glorified Garbage Man Career, this job will be **one of the most important positions in the fight to protect our planet.**
- Using scientific research and development, Trash Engineers will be able to properly **handle waste material** such as plastic and harmful gases.
 - Recycling
 - Trash Collecting
 - Decontamination



If you're still not convinced this is just a glorified Garbage Man Career, the annual salary for this job is around **\$90 000**

ALL ABOUT PSYCHOLOGY

WHAT PSYCHOLOGISTS DO

Psychologists study cognitive, emotional, and social processes and behavior by observing, interpreting, and recording how individuals relate to one another and to their environments. They use their findings to help improve processes and behaviors.

WORK ENVIRONMENT

Some psychologists work independently, conducting research, consulting with clients, or working with patients. Others work as part of a healthcare team, collaborating with physicians and social workers, or in school settings, working with students, teachers, parents and other educators.

DIFFERENT OUTLOOK FOR CAREERS IN THE FIELD

Industrial-organizational psychologists - focus on work place behavior for the purpose of hiring and retaining employees.
53% increase by 2022

Mental health counselor - master degree is needed specialize in working with patients with mental health disorder
21% increase by 2022 and 48,200 new jobs

School and career counselor - working in primary and secondary school, colleges and universities to help students develop social and academic skills, apply to colleges, and forge a career path.
Growth rate of 12% 31,200 new jobs by 2022

Social workers - help individuals cope with everyday life, and may also diagnose and treat mental health issues and disorders.
Increases by 19% by 2026 Approximately 114,100 new jobs created



Inspirational Teachers- Miss Claudine

If you mention the sport touch rugby not many people know what it is. Especially in the country where I come from The Netherlands. When you travel to countries as Australia, New Zealand, Singapore, South Africa, France and the U.K. you will notice people playing touch rugby everywhere; at clubs, in schools and even in parks or on the beach. Touch rugby originated in Australia and refers to games derived from rugby in which players do not tackle each other but instead touch their opponents.



Fortunately the Netherlands has enough players to form a men's team, a women's team and a youth team. This year I have been very lucky to be part of the first Dutch women's touch rugby team going to the world cup in Malaysia. A strict training schedule, a healthy diet and video analyses were all part of my preparation. Coming out there and having to compete against some teams that were stronger and more experienced than us wasn't always easy, but it made us stronger as a team. It was a tough journey, but most of all an exciting and wonderful experience.

A big thank you to my colleagues who covered my lessons and Mr. Peter for allowing me to take this opportunity. It was one I would have never wanted to miss.



In Cambodia there are only a few people playing touch rugby and I hope this will slowly change in the future. It is a wonderful sport and I would be keen on getting more youth involved. The students at ISSR have already started playing touch rugby in the PE lessons and I have seen a few talented players!

A question that still stays unanswered;
"When will we have the first Cambodian youth team competing?" Hopefully soon!

Ms. Claudine

New Staff

IT Technician



We would like to welcome the new IT officer and technician for the high school. His name is Mr. Kimhun He graduated with a Bachelor degree in Information Technology and he is continuing ongoing study for a Master's degree in IT at USEA. He has been working in the IT department at Angkor Miracle Resort & Spa.

Security Guard



Mr. Va

Our old security guard Mr. Va finished working at ISSR High School this month. He has worked with ISSR in the high school campus for 3 years.

The new security guard is Mr. Voern. He has worked for ISSR for nearly 4 years at the primary school. He has moved to work at International School of Siem Reap High School Campus. We look forward to working with him.



Mr. Voern

Humanities Department

Megacities – Year 9

The Year 9 Humanities class were set the task to research and present information on a given mega city. A mega city is defined as a city with a population of 10 million or more. In 1900 there were only 2 global mega cities, New York and Tokyo. Now it is estimated that there are 37 mega cities, most are in the Developing World. The students presented some extremely well research reports on their megacity and it is clear that many of them are well on the way to being successful in IGCSE Humanities courses next year.

All About Bangalore!

By: Chiara Giani

Background info about Bangalore:

- the capital Karnataka
- southeastern region on the Deccan Plateau
- Silicon Valley of India
- no major rivers

Size:

- land area of 709 square kilometers
- population density is 4,381 persons per square kilometer
- 2017-11.98 million
- 2018-12.476 million
- 2019-13.958 million
- 2020-16.226 million
- 2050-15.619 million

Location:

- It is located 12.97 latitude and 77.59 longitude and it is situated at elevation 914 meters above sea level.
- 2 gardens – Lalbagh and Cubbon Park.
- The IT Capital of India.
- Home to every IT company in India and abroad.

More about population:

Economic Activities

Bangalore's innovation ecosystem is very broad-based, stretching from aerospace to biotech.

- Information technology (IT) and electronics
- Telecommunications
- Aerospace
- Pharmaceuticals
- Biotechnology
- Food processing
- Automobiles
- Banking and finance
- Mining
- Steel

Housing

- About 1 out of 3 people live in slums
- 30% of residents live in slums
- over 2,000 slums – recognizes 587
- temporary squatter colonies
- parkways and railway stations
- slum camps

Slums in Bangalore:

Year	No. of Slums
1972	159
1982	287
1992	444
2006	614

Transport:

the number of vehicles registered in the city has been growing fast and has resulted in serious environmental problems

How do people get around?

- two buses or auto-rickshaws
- New Metro train rapid transit underground
- consists of two colour-coded
- The metro has an average daily ridership of 400,000 passengers
- made getting around Bangalore easier and provides a good alternative to buses
- Traffic problems are serious

Green Space:

- Garden City
- city numbering 1079 parks
- trees has been diminishing
- new trees are also planted every year
- at least 33% green space that ensures at least 1.15 trees/person

Facilities:

- pay to access clean, safe drinking water
- 70% of urban India's sewage is untreated
- Average literacy rate is 87.87 percent.

Location:

- It is located 12.97 latitude and 77.59 longitude and it is situated at elevation 914 meters above sea level.
- 2 gardens – Lalbagh and Cubbon Park.
- The IT Capital of India.
- Home to every IT company in India and abroad.

More about population:

Air quality:

- no major industries
- mostly vehicular emissions dust from construction
- 3.7 million
- increase in the vehicular population

Water quality:

- Cowry and Arkavathi river – clean
- shortage of water of 21 MLD
- will increase with the growth of population and by 2021
- Later...cannot support the whole population
- sewerage system is not designed for the storm water during heavy rainfall
- manholes start overflowing
- untreated sewage flowing in the streets

Advantages and Disadvantages:

- Advantages:
 - Information technology (IT) and electronics
 - Telecommunications
 - Aerospace
 - Pharmaceuticals
 - Biotechnology
 - Food processing
 - Automobiles
 - Banking and finance
 - Mining
 - Steel
- Disadvantages:
 - Over 2,000 slums – recognizes 587
 - temporary squatter colonies
 - parkways and railway stations
 - slum camps
 - 70% of urban India's sewage is untreated
 - Average literacy rate is 87.87 percent.

KINSHASA

The Megacity of the DRC

Population:

- 11.86 million (2017)
- 14.48 million (2050)
- 83.5 million (2100)
- 13.07% of DRC's total

Population

- DRC: 88.8 million (2018)
- Rapid increase after 1940s
- 949.7 people per sq KM

Physical Geography

- 9,965 km squared
- Located on Congo River
- Right across from Brazzaville
- Borders Congo
- 610 m above sea level

INDUSTRY AND COMMERCE

- Headquarters
- Food processing
- Consumer goods
- Construction

TRANSPORTATION

- Traffic Congestion
- Company, "STUC"
- Crowded/overstuffed
- ONATRA
- Bus capacity
- Minibus capacity
- Ferry -> Brazzaville
- Streets are clean

ENVIRONMENT

- Unhealthy air
- Industrial activities
- Soil and water
- Affects food chain
- Flooding
- Blocked sewage
- 9000 tonnes
- "Kinshasa, the coquette"

SOCIAL

Housing

- Gombe
- Diverse
- High-rise apartments
- Shacks and huts

Healthcare

- Basic/insufficient
- Waterborne diseases
- 46% no access to clean water

Education

- Good universities
- Over 93% attended school
- 70% literate in French
- 66.50% female literacy rate
- 88.52% male literacy rate

POSITIVES VS NEGATIVES

Positives:

- Clean streets
- Home to several higher-level education institutes
- Growth due to government expansion

Negatives:

- Pollution
- Inadequate transportation
- Basic healthcare
- Large economic divide
- High crime rate

SUSTAINABILITY

Opinion and Reasoning:

- Yes
- Rapid development
- Water source
- Larger population of younger generation

Things to Change:

- Better healthcare
- Fair housing
- Cleanup sewage
- Stricter traffic laws

China in the 21st Century

The year 9 Humanities class had been studying China in the 21st Century and their assessment piece was a research and extended writing response. They were told the teacher was Editor of a newspaper/magazine and as a Journalist they had been given an opportunity to travel to China on a 3 week trip, to get a personal insight and send back their thoughts on what they observed. They watched the video "Explore China" and students were to follow the path of the presenter of the video and add their own newly acquired knowledge. They were instructed to use Publisher or similar software and to write in Journalese.

The work that was turned in by members of the class was outstanding in content, style and realistic presentation in magazine format. The work of Sweetie, Kalyane, Kimwey, Chavelli and Sophia received a special mention. Well done.

Mr. Phil

Paperless Newsletter

At the ISSR High School we are always looking at ways we can encourage and support students to be more environmentally friendly. This also means we look at our own practices. In doing this, we have made the decision to no longer send paper copies of our monthly newsletter. Newsletter will continue to be posted on the school website. If you would like a paper copy you can request a copy from the office staff. We are hopeful that this change can make a big difference to our paper usage at school.

Key Dates

Friday 7th June End of Semester Reports Y7-10 issued.

Monday and Tuesday 10th and 11th June Parent-Teacher Interviews 1600 – 1800.

Friday 14th June Year 13 Graduation Ceremony

Friday 21st June Concert at Primary School – school finishes at 1200. End of academic year.

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