



SIH NEWS UPDATE

FROM THE SIH TEAM

World Science Day

The Unesco World Science day is held every year on 10th November to raise awareness in schools about the issues affecting our planet. This year's theme is the climate, and it coincides with the COP26 meeting in Glasgow where world leaders are getting together to agree on how to cut carbon dioxide levels which are leading to global warming. Never before has our planet been in greater danger of being permanently damaged by our actions by the choices we are making and have made in the past. Scientists believe we have just 10 years left to act, and if we are to stop this damage it is very important that we understand why and how this is happening, and what better place than in schools worldwide. This week SIH students took part in a range of activities throughout their primary and secondary lessons to raise their awareness on such important issues.

Global Perspectives

This week in Global Perspectives, students took part in the 'Design a Green Island Challenge' for World Science Day to help them learn more about 'climate-ready communities.' Students worked in teams to calculate how much carbon is produced for food, agriculture, transportation, and electricity. They then decided how to provide food, transportation, and electricity to 1,000 people on their island whilst keeping in mind their goal of maintaining a small carbon footprint. Students created their own maps and presented their plans to a committee of students. Well done everyone!



Primary Art

This week the primary school artists were able to help support world science day by raising awareness of climate change through a poster. I'm sure you will agree they've done a fantastic job and I'm very happy with the end result.



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Science

At SIH, Science lessons educate our students about the reasons, causes and effects behind the many changes on our planet over the past few decades. It is not only about recycling and chopping down forests, it goes far deeper than that. It is not just about our personal decisions but about governments and even cultural differences. In this way World Science Day is relevant to all subjects; History, Geography, English, Maths and Art, and also Business. Students are encouraged to think for themselves and question what is happening around them. Some of the questions are profound such as "What did we use before plastic", because of course they have grown up in a plastic world!



World Science Day in Music Lessons- The Great Tone Wood Debate

To celebrate World Science Day students were invited to voice their opinions on 'The Great Tone Wood Debate'. They were first shown how many different musical instruments were made by master craftsmen and the wholesome tonal qualities that can be found in woods such as Alder, Maple and Rosewood to make a variety of musical instruments such as the guitar, drums, violin and acoustic piano. As the lesson progressed students then learned that this left an unsustainable environmental footprint on forests and trees from around the world as the replacement cycle of some trees takes nearly 1000 years. This led to a discussion about the pros and cons of this concept and if other alternative materials could one day be used instead of wood to make musical instruments?



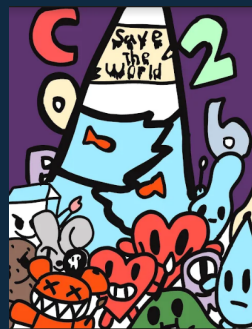
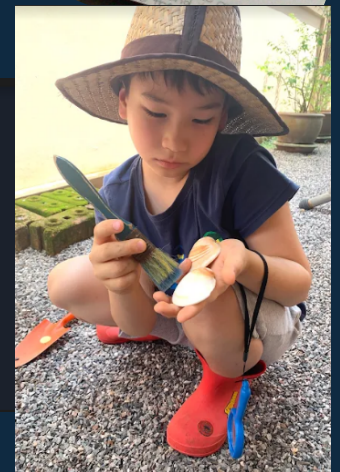
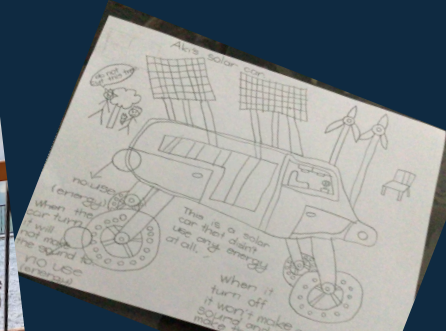


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Year 4

Warning! Paleontologists at work in Year 4 garden. This week some Year 4 students have been busy digging out, cleaning, and examining fossils while the others have been creating presentations about Richard Owen. When it comes to Science day and COP 26, very interesting inventions and ideas on how to save our planet have been seen in the Year 4 class. Some students who have seen snow for the first time in their life sent us a nice postcard from their hometown. Warm regards from cold Canada!



Secondary Art

Well done to all secondary art students who have returned their homework on creating a Climate Change poster in support of World Science Day. I have been very impressed with what I have seen so far and I hope the images will inspire others to complete their designs.

Tiny House Movement

Students also explored the concept of sustainable living through learning all about the 'tiny house movement.' Students created their own 'climate ready' tiny houses. If you would like to learn more about the tiny house movement, the Netflix series 'Tiny House Nations' explores the different ways in which families prepare for downsizing their current lifestyles.





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English

To promote World Science Day in English with Ms. Zoe students read an article about COP 26 and how Greta Thunberg led thousands of school students on a march promoting 'Fridays' for Future'. This idea encourages young people to embrace activism and get their voice heard in the media. SIH students then answered a series of questions on the article and were given an independent task of summarising the key information.

Year 6 - Global Warming

This week, Year 6 has been looking at Global warming, or Climate change for IPC, and on Wednesday, this was also our focus for World Science Day. We learned that the warming is caused by greenhouse gases in the atmosphere trapping more heat from the Sun. We also learned that most greenhouse gas emissions come from burning fossil fuels, and half of those are burned for either transportation or to generate electricity. We learned that, if climate change continues, we can expect rising sea levels and more intense weather, including stronger typhoons, droughts, and wildfires. Next we'll be looking at how to combat climate change for the sake of our future.



Year 1 - Internet Safety

The Internet can be a wonderful place to learn, play games, and talk to your friends, however not everything that is put on the internet is for children. Year 1 have been learning all about 'Internet Safety' they created informative posters to help other students about how to use the internet safely and the dangers to watch out for.



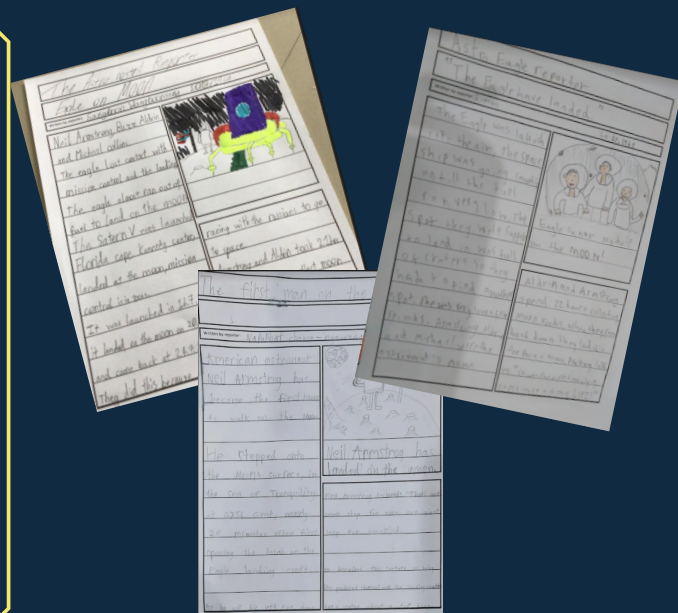


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Year 5 - IPC

This week, Year 5 has been working hard in IPC on the topic 'Space Explorers'. We learned all about the moon landing and created news reports detailing the events of such an exciting time. We also tuned in to NASA Live TV on 9.11.21 to witness the landing of the SpaceX 'Dragon' Crew who returned safely to Earth after being in space since April. The students thoroughly enjoyed watching a live landing of real-life astronauts and showed great curiosity around this experience.

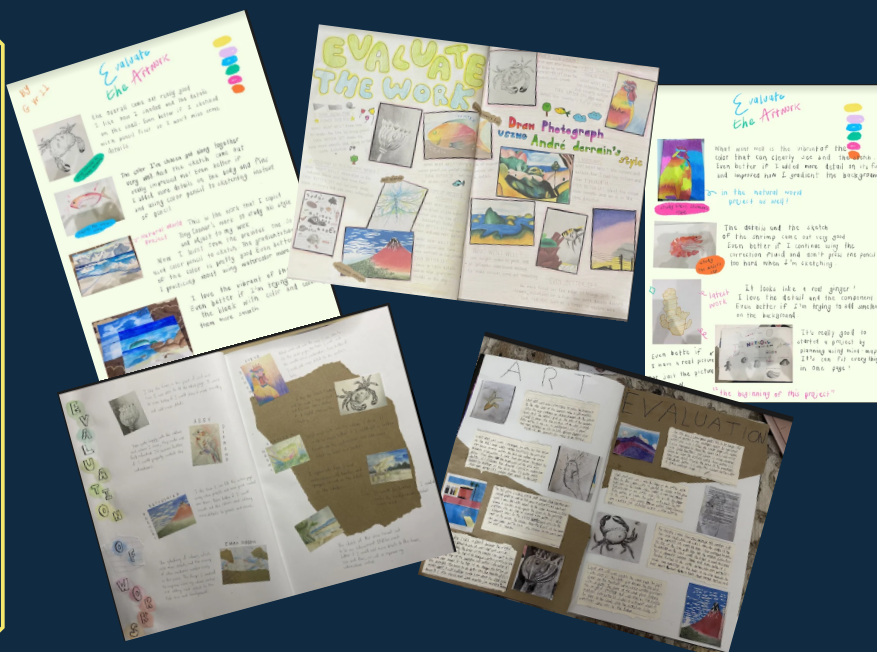


Y7 Yoga - Namaste!

The whole of Secondary have begun to delve into the world of Yoga. Here are Year 7 beginning to understand the benefits that comes with performing different variations of Yoga poses and how being flexible affects us in future years of our lives. Here you can see Year 7 doing the "Tree Pose" (Sanskrit: Vrksasana). This pose helps improve concentration and your ability to balance by strengthening the arches of the feet and the outer hips.

IGCSE Art

To be able to evaluate and analyse artwork is a crucial skill and one of the corner stones of becoming successful at IGCSE Art and Design. This week the year 11 students were given the challenge of self evaluation within their homework task. Each student had the opportunity to reflect on teacher and peer assessment before they completed the task.





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KG2

In Math this week KG2 has started to learn about the difference between 2D and 3D shapes. They had a great time creating their own 3D shapes and identifying objects around the home and their matching 3D names!



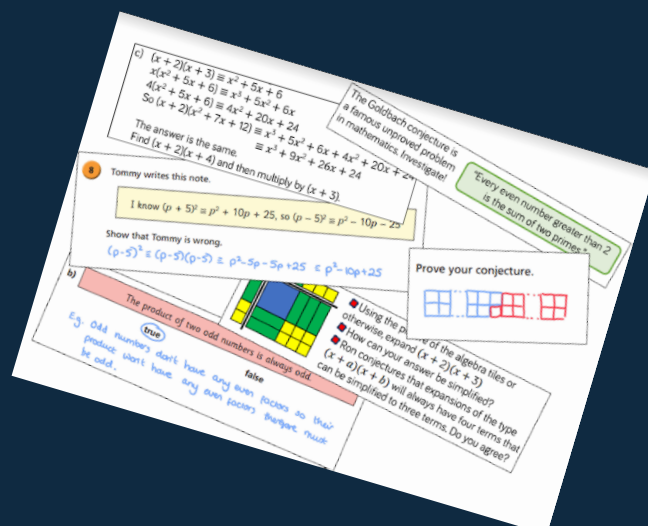
Golf Competition - Timo Year 4

Timo took part in a golf competition very recently and did fantastically well. Although Timo did not land a podium position for his group, Timo managed to break his own score record within the two day competition and he is over the moon! He managed to finish 7th out of 11 contestants in total. Please join us in congratulating Timo with his huge triumph! Very well done Timo!



Year 9 - Maths

Year 9 students have just completed a challenging block of work in maths which involves reasoning and testing. As well as testing given conjectures, our students were able to create and test their own, which has been a great opportunity to see our students challenge themselves. They have also developed their algebraic skills through developing chains of reasoning and learning how to expand products of two or more binomials. Well done Year 9!





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Inspection at SIH

On Wednesday this week the staff at SIH greeted the inspection team from Songkha province to seek permission to reopen our doors to the school community. The committee were very impressed with the guidelines and actions that the school have taken to make it a covid free zone and SIH was praised for the way in which things had been planned and organised. A huge huge huge thank you to everyone who helped get the school ready. We have an extremely hard working team here at SIH and I am very proud to work with them all. As soon as we have further information we will be in touch.



House Competition

In our classes this week we explored what climate change is and how human impact has meant that direct and immediate action is needed in order to save the planet. We then looked at the new Earthshot competition, where people and companies around the world are being rewarded and celebrated for their inventions and ideas that will help to save our planet.

The categories for the Earthshot competition are to protect nature, clean our air, revive the oceans, build a waste free world and fix our climate. Children from across the school can now take part in our own SIH Earthshot house competition, submitting their own ideas for how to help in each of these categories. These innovations will be judged and the winners will be awarded house points. If you have not entered your idea yet please do this as soon as possible by using the following form for entries:

<https://forms.gle/Dz7NpS74u8YZkWFz5>.

Entries will be accepted until Monday 22nd November. Have a look at some of the first few Primary entries to give you inspiration!

