

# News

August 2020



الكلية الإسلامية في لنفورد



## Principal's Message

Assalamu-Alaikum Warahmatullahi Wabarakatuh  
بسم الله الرحمن الرحيم

Going forward with the lab facilities in the New Learning Centre, the College will now be in a position to focus on becoming one of the leaders of STEM/STEAM education in WA, Insha-Allah. Our students have been introduced to various activities leading up to a full focus on STEM/STEAM education in 2021 and beyond. Students have participated in the following activities:

### **'CREATE'- CREATING REAL ENGINEERING AND TECHNOLOGY EXPERIENCES**

Students have participated in the 'CREATE' program, run by Edith Cowan University. This programme extends students' learning by building simple transistor circuits including multivibrators and amplifiers. Students were then challenged to build circuits to emulate the sights and sounds of a police vehicle complete with flashing lights and sirens.

### **BRAIN BEE COMPETITION**

Year 10 extension students participated in the Brain Bee competition organised by Australasian Neuro Science Society. This competition provided an opportunity to learn more about the brain and its functions, neuroscience research, find out about careers in neuroscience and to dispel misconceptions about neurological and mental illnesses.

### **FLOATING GARDEN CHALLENGE**

Students participated in a floating garden challenge. They were presented with a real-life problem arising from climate change and its impact on communities living in riverside areas. In this challenge, students were asked to design and make a structure that enables farmers to continue to grow their crops even when the land floods. This project focused on the Sustainable Development Goals (SDGs) set by UN. This project helped the students to collaborate with their team members and think creatively to solve a real-life scenario.

### **SEAGRASS REVEGETATION PROJECT**

Students are taking part in the rehabilitation and restoration of the seagrass meadows in the Cockburn Sound. Seagrasses are flowering plants that form extensive underwater meadows, transforming bare sandy areas into complex 3-dimensional habitats for a diverse faunal community. They provide a wide range of ecosystem services including nutrient cycling, carbon sequestration, and coastal stabilisation. We are collaborating with Dr John Statton, Marine Research Department, University of Western Australia to implement this project in our school. Students are thoroughly enjoying this project. Students are also planning to set up a saltwater ecosystem in our school and germinate sea grass seed pods by exploring different conditions that will support the growth of sea grass.

**CODING LAB** Coding lab is also a part of the STEM programme and we are planning to run a coding lab for students to learn the basics of programming and electronics in a fun, motivating and engaging way using the KodeKLix platform.

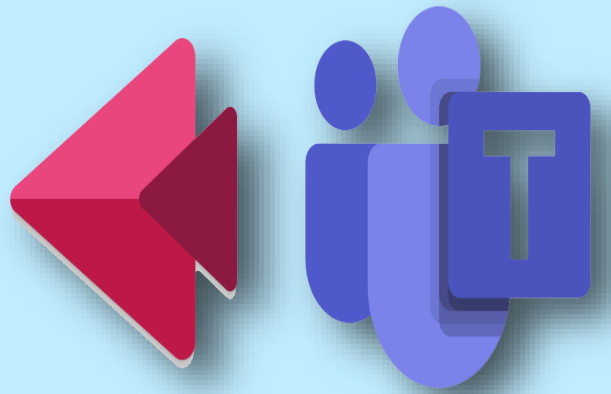
## In This Issue

- Along With Every Hardship There Is Ease
- Physical Education Helps Students
- National Science Week
- Embracing Change With Year 5 Gold
- Pre-Primary Blue In Action
- Social Development

I am grateful to my Colleagues/the team that has driven the above projects, Jazaak-Allahu Khairan and I am very confident that this team and their great teamwork will enable this College to be a leader in STEM/STEAM education in the near future, Amin.

*Dr Popie Hossain Rhaman*

# ALONG with every **HARDSHIP** there is **EASE**



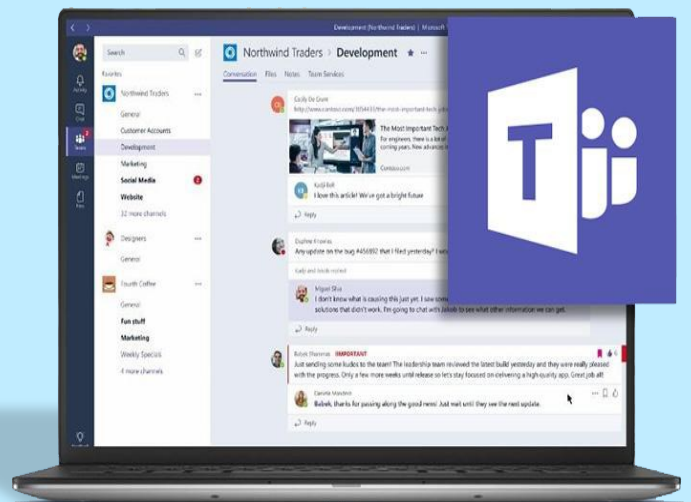
By: Mr H. Akram

The year 2020 is undoubtedly the year when we have been tested as a result of the Covid-19 pandemic. In-line with the restrictions and directives given by our state government, schools have had to deliver lessons via online learning platforms to enable students to continue learning from home.

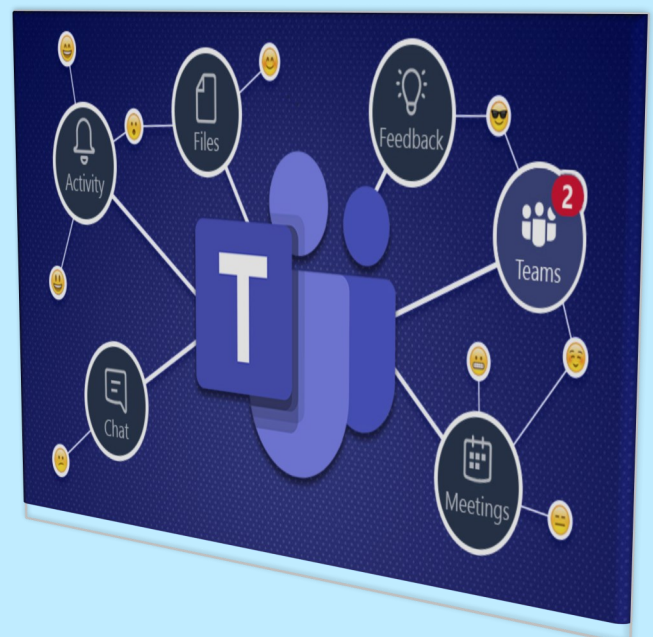
Staff and students of Langford Islamic College (LIC) had been pushed out of their comfort zones to attain new heights in pursuit of continuing with quality education. Microsoft Teams as our chosen online learning platform after reviewing several other online learning software.

My colleagues and I were put through a comprehensive training program to educate ourselves in the use of the software. All teachers quickly got to grips with the new platform and successfully delivered lessons online. Those lessons ranged from live online classes to uploaded recorded videos onto YouTube (unlisted channel) or SEQTA Learn. Although it is an understatement to say that it was a very stressful and frustrating period, I have to admit that it was a rewarding learning experience and one which I had thoroughly enjoyed.

Amidst this unwelcomed pandemic, several strengths and merits surfaced. Teachers and students pushed past our own limits and gelled together with the focus of continuing the quality education that LIC offers. The advancement of technology and software like Microsoft Teams has made learning possible, easy and affordable. The importance of perseverance and effort in seeking knowledge can never be highlighted better.

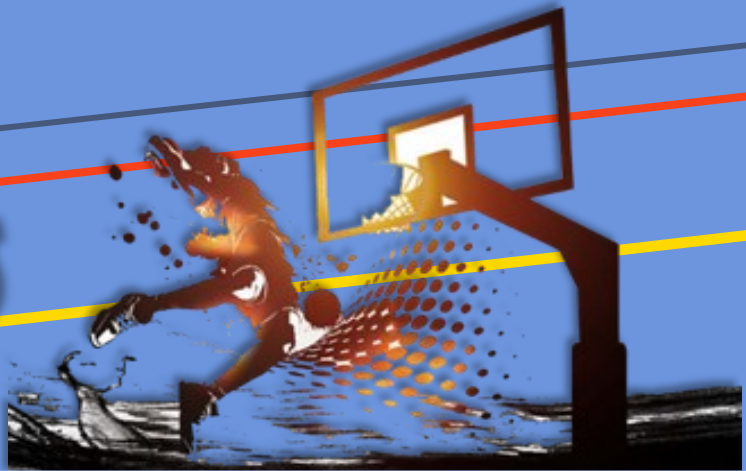


classes to uploaded recorded videos onto YouTube (unlisted channel) or SEQTA Learn. Although it is an understatement to say that it



# Physical Education Helps Students

By: Mr Z. Kerbelker



## PHYSICAL HEALTH

Physical Education helps students to get the recommended exercise to eliminate the chances of obesity by allowing students to be physically active in school and by encouraging them to remain active outside of school. By eliminating the chance of obesity, physical education also helps decrease the risk of diabetes, heart disease, asthma, sleep disorders, and other illnesses. Staying active and getting the required exercise helps with our cardiovascular health and helps with the development of our bones and muscles. Physical Education also gives students the required information and skills to be active for the rest of their lives.

## ACADEMIC PERFORMANCE

Physical Education provides students with the opportunity to be physically active throughout the school day which helps to improve their academic performance. Physical activity during the day helps with concentration for students and with their behaviour.

## SOCIAL ASSIMILATION

Physical Education allows students to participate in activities which help create positive social interactions. Through these activities students can learn how to cooperate with others, and these activities also give them that sense that they are part of a team. To be part of a team makes people feel that they are included. Students can develop healthy relationships through the activities in physical education.



## MENTAL HEALTH

Physical activity helps children and adults have better sleep at night, and rest is good for our brains. "Sleep deprivation negatively affects the body's immune function, aids in memory consolidation and may cause irritability and impatience.

As Physical Education helps with students' academic performance and with their social interactions, having good grades and friends tends to make people feel good about themselves. Physical activity helps decrease the risk of depression and helps create energy, which allows people to accomplish more throughout the day.



# How will you science this National Science Week?



national science week  
15–23 AUGUST 2020  
scienceweek.net.au #scienceweek

By: Mr G. Coleman

Australia's vast oceans are at the heart of the energy, food and economic future of our country. Their value to all Australians is matched only by the enormous economic and environmental wealth afforded us by this national asset.

National Science Week is Australia's annual celebration of science and technology.

This year's focus is to encourage our students to become fascinated by our planet's oceans which cover 2/3<sup>rd</sup> of its surface and help control our weather systems and the make-up of the atmosphere.

2021-30 has been proclaimed by United Nations as the **Decade of Ocean Science for Sustainable Development**. The Oceans Decade has been declared to "support efforts to reverse the cycle of decline in ocean health on Planet Earth.

Students at LIC have been working with enthusiasm over the past two weeks creating posters and displays around the theme of **Deep Blue**.



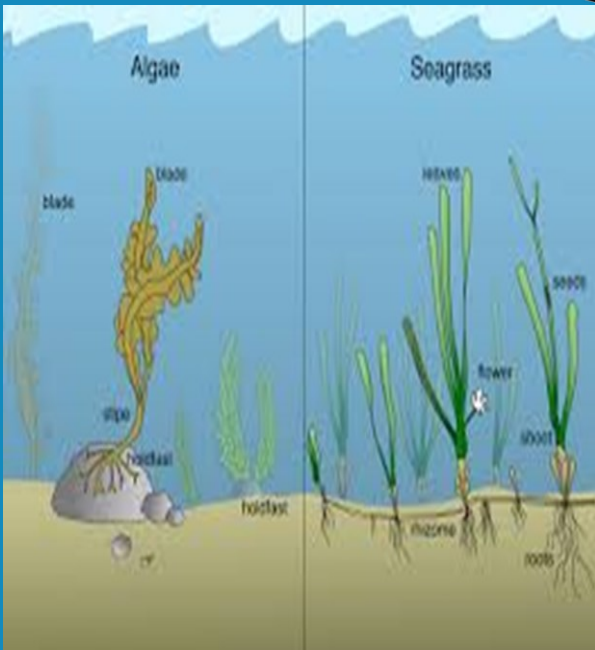
## Y5 octopus and students

HS students who attend STEM co-curricular on Friday afternoons have been working on a long term project to create a Sea Grass aquaculture environment within the school to assist in raising awareness of the damage to these seagrass pastures in Cockburn Sound near Rockingham, a favorite recreational fishing spot for Perth residents, due to the nearby desalination plant and increased cargo ship traffic. These pastures form an important region for reproduction of recreational fish species and nursery for the young marine organisms.





SciTech and ESWA are conducting incursions to LIC which will engage all students from KG to Y10 at different times during Science Week around the theme of **Deep Blue**.





# Embracing Change With Year 5 GOLD



By: Ms G. Sofi

Assalamu alaykum everyone. We can say with certainty that 2020 has been a year of change. As fifth graders - we have embraced the tide of change by focusing on the possibilities of new experiences. Grade 5 is also the year of change as young children start to grow into responsible, young learners and welcome the approach of adolescence.

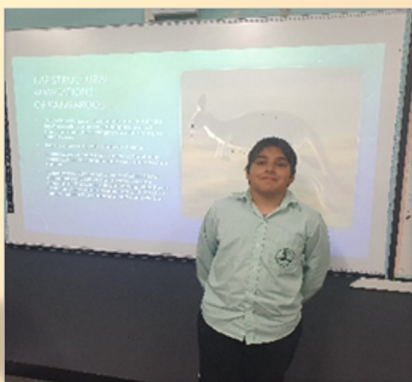
## SOME SPECIAL FACTS about fifth graders you may not know

- ◆ We are learning to use our judgement to make strong choices in our lives and to avoid weaker ones. Sometimes we make mistakes but that is how we learn!
- ◆ We LOVE our hobbies, whether it be reading, sports or coding some fantastic game!
- ◆ We have increased attention spans and can focus for longer periods of time than in previous years.
- ◆ We love a bit of healthy competition and have a great desire to create change, and most importantly, be the change we wish to see.
- ◆ You will not find a harder working bunch! Homework? Please sir, can I have some

HERE IS A BRIEF SNAPSHOT OF WHAT  
WE HAVE BEEN UP TO THIS YEAR:

## SCIENCE

In Science students have been learning about structural and behavioural adaptations and explaining the purposes of these adaptations in Australian animals. They have presented some beautiful PowerPoints worthy of commendation. Hats of to you Year 5 Gold!





# LITERACY

In literacy this year, students started with narrative writing where they learned how to create captivating short stories. Students used class time to enact their stories before transposing them into narrative texts a fun learning technique pioneered by Pie Corbett.

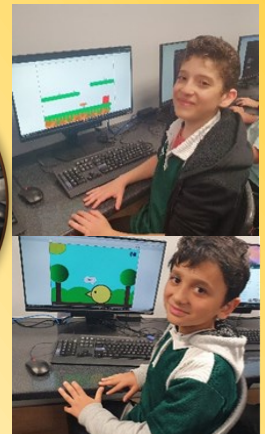
They then moved on to persuasive writing. As they emerge into critical thinkers, persuasive writing is a magnificent outlet to debate and argue in a logical way. Students have used multiple modes of learning to write persuasively including analysing and creating advertisements, debating public issues, running for election in their Civics unit, and formal writing. Students have learnt to use relevant ideas, and use a range of persuasive devices to persuade their readers.

Currently, they are learning information report writing by looking at the five different organisation types (Description, Cause & Effect, Problem & Solution, Compare & Contrast and Sequence). After examining and practising the different types, students have applied their Science knowledge on the Solar System to create a detailed report on their chosen planet. Students also compiled some fantastic compendiums over the holiday about their dream job!

# CODING

Information Technology has been almost everyone's favorite subject this year in Year 5 Gold! Instead

of playing games they have created their own games by using computer coding software. Students created their own backgrounds and characters, creating a multilevel game that was organised, logical and debugged. Students demonstrated an advanced understanding of how to use the software elements to create different types of games, and have come up with some impressive work.



# MATHS

Students got to extend their maths skills when Professor Maths visited the school. It was a fantastic learning experience as students had fun applying their general maths skills to solve some amazing games. Students impressively were able to utilise multiple modes of learning including kinaesthetic visual, hand-eye, and group work to solve challenges.





# PRE-PRIMARY BLUE IN action

By: Mrs M. Chowdhury  
Sr Ruqayyah Hazra & Sr Mariam Andhy

Welcome back to Term 3. This year has definitely been exceptional and busy. The year commenced amazingly, but due to COVID-19 the situation in the world changed.

In Term 1 we went through some fairy tales and learned about biological science. Collecting seeds around the school was really fun. We grew our own seedlings from magic beans. Witnessing the germination of seeds was very exciting for my class. Unfortunately we had to cancel our Kings Park visit due to the pandemic. We were, however, able to celebrate a lovely Harmony Day.

Term 2 was really busy and productive. In Science we covered Weather. Students were enthusiastic about their observations. They monitored the weather for five days and recorded their observations three times a day. We also completed many Visual Arts and Ramadan activities which everyone thoroughly enjoyed.







Term 3 will be full of fun activities. Throughout the term we will be learning Design and Technology, Properties of Materials, Australian Animals, Cooking and doing more arts and crafts activities. My super responsive and fun-loving group of students are looking forward to it. They are eagerly collecting household re-cycle materials for their Design and Technology activities. We all so cannot wait anymore for our Maths Incursion!. I hope all had a pleasant Eid-Al- Adha.



**We are so proud of our class. We wish to say thank you to all our parents for their support and understanding during this unprecedented time of our life.**







# SOCIAL DEVELOPMENT



This is the process of learning how to live easily with others (socialisation).

Children will learn social skills when confronted with a variety of different experiences both inside and outside the home.



## STAGES OF SOCIAL DEVELOPMENT

