Rafflesia
INTERNATIONAL & PRIVATE SCHOOLS

Rafflesia International School, Puchong

Newsletter

NEWSLETTER 2020/21
TERM 1, WEEK 8

PRIMARY

STAR OF THE WEEK

Raneea Syed Rusliza binti Abdul Qadir

The star of the week goes to Raneea Syed Rusliza binti Abdul Qadir from year 6. Raneea quietly gets on with any task that is given to her; she always works to the best of her ability also the presentation of her work is constantly exact and neat. For the last two weeks, Raneea has achieved a top-five ranking in her online maths tasks. Well done, Raneea!

SECONDARY

STAR OF THE WEEK

Lim Pen Nee

The star of the week goes to Lim Pen Nee from year 7. In GC, Pen Nee has impressed with her excellent written argument about the pros and cons of globalisation, as well as delighting with her poetic piece of writing using a range of WOW words. In science, she puts in her best in completing her homework and submit high quality work. We all wish her a great learning journey ahead !

Principal's Message

Dear Parents / Guardians;

While faced with the unpredicted situation, the teaching and learning still goes on as planned. The early years and primary students had their exit points last Friday. Thank you for those parents who had joined the students to witness their presentation. For the early years, I could see the parents were involved in the activities with the children.

At secondary level, students are focused and passionate about Effective Learning as it involves both summative and formative assessment. It gives valuable practice and feedback as part of preparations for Checkpoint and IGCSE exams. Year 11 has just completed their IGCSE oral examination for Mandarin and Malay language.

We at school take homework seriously as there is a strong link between homework and academic achievements. The time a child spends on doing homework will develop more than their academic skills alone. Homework sessions encourage students to use their time wisely, work independently and engage better with the subject matter. It will also improve the students' memory and critical thinking.

We are navigating the awkwardness of social distancing, fears of economic instability and the loneliness of working/schooling from home. If adults are struggling to find ways to balance the stress and anxiety resulting from our changing culture, how are our preteens/tweens and teens doing? Please do spend some time listening and talking to your children.

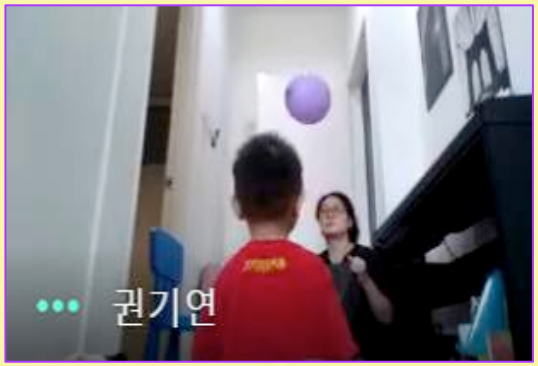
We will closely monitor the Covid 19 situation and update you accordingly on any decisions that is relevant to schools. Please email us at principal.puchong@rafflesia.edu.my, your feedbacks and concerns. Thank you for your continuous support. Stay home, stay safe.

Ms. Chandra Veerappan

IEYC Exit Point

Family fun activities

[Throw balls into basket]



[Drum circle]

[Folding clothes]

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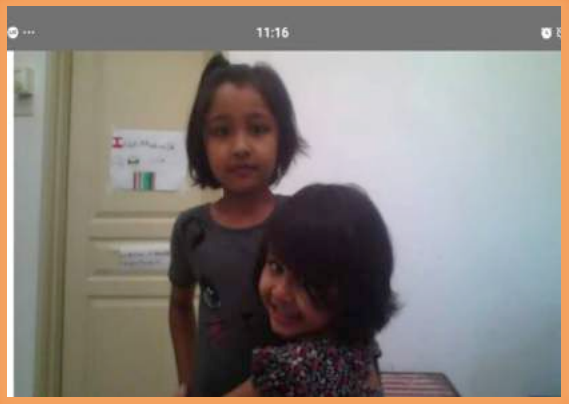
TRADITIONAL VALUES • GLOBAL VISION

Reception

For our exit point, the children pre-recorded a song called “We Are Family” and presented it live during our online session, as well as watched the unit’s learning journey video together with their family members by their side. We also played a newspaper dance together! It was such a nice bonding time!



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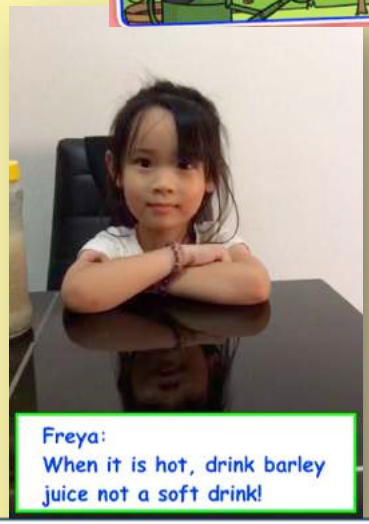
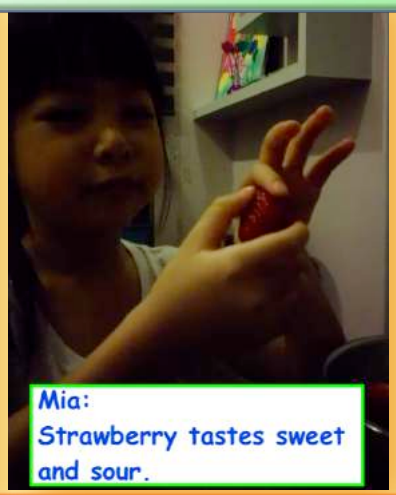
Year 1

TRADITIONAL VALUES • GLOBAL VISION

Greenfingers



We use plants in many ways. We made variety of food and drinks. At the Exit Point, we had "All About Plant Picnic". While enjoying our picnic, we learnt about plant-based food, where food plants are grown and its benefit to our body.



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YEAR 2

TRADITIONAL VALUES • GLOBAL VISION

During Exit Point, the students showcased the drums they made and played their sound patterns. We also discussed what we learned during the unit.

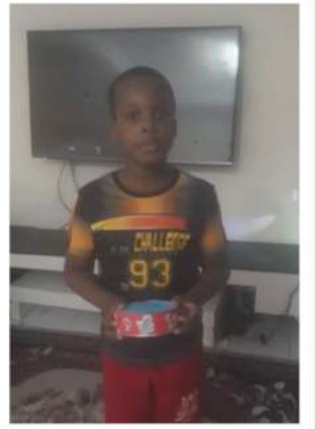
Yan Xiang

Sam Li

Hubert

Hayley

Ryan



Alsa

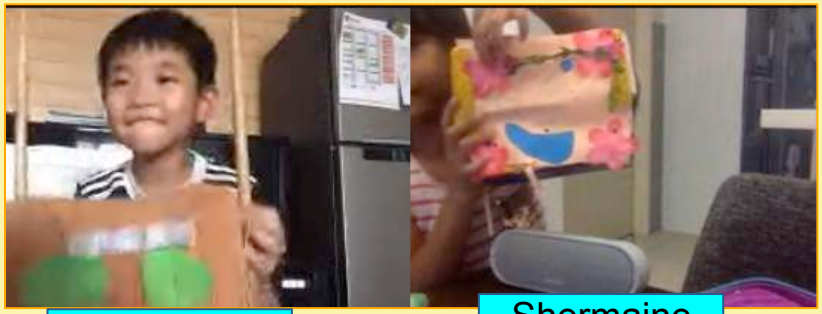
MoYe

Eunice

Qi Yuan

YEAR 2

During Exit Point, the students showcased their drums and explained how sound is produced when they play a rhythm.


Chen Xuan

Shermaine

Vadim

Vadim

Ethan

Clara

Tiffany

Dokyeong

Amy

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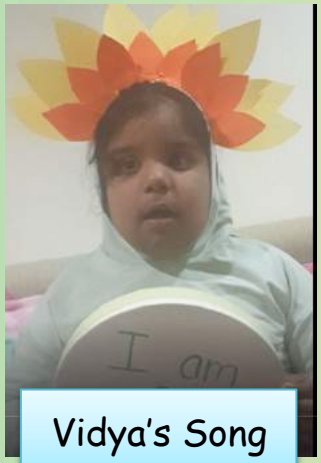
Year 3

TRADITIONAL VALUES • GLOBAL VISION

During the IPC Exit Point, students dressed up in plant related costumes. They also created songs, puppet shows, stories, videos, or digital presentations to share information that was learned during the Let's Plant It unit!



Vidya's Song

Shruthi's Puppet Show

Ayla

Clyde

Carrie Anne's Costume Design

ShuCheng

Meraami's Puppet Show

Kara

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TRADITIONAL VALUES • GLOBAL VISION

Year 4R

HOW HUMANS WORK

We understand the importance of caring for our body. We learnt about our eyes, ears, teeth, digestive system, and the circulatory. We decided to love ourselves for our exit point. Xin Yuan made a tutorial video on how to juice nutritional drinks, so we juiced and made healthy snacks.

Let's do it!

If you have oranges - Just juice it!

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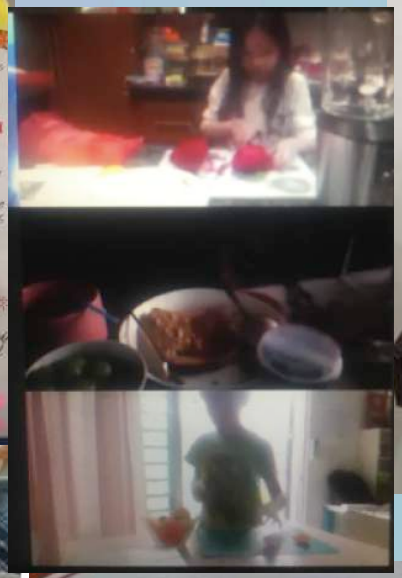
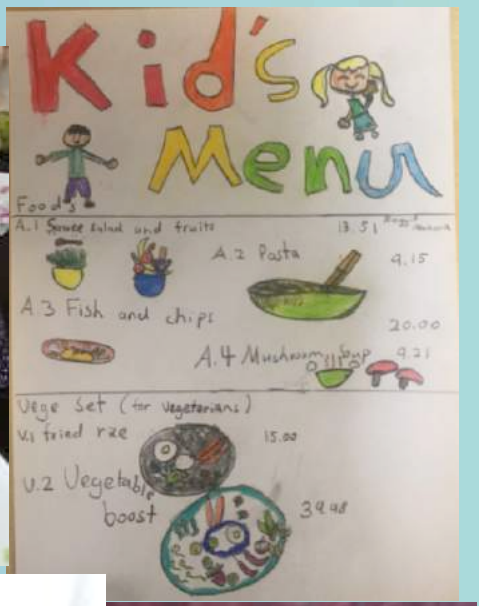
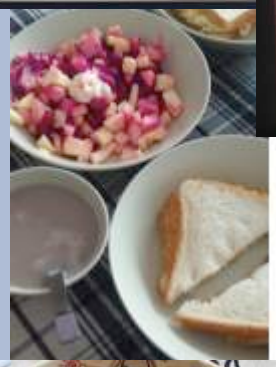
YEAR 4

TRADITIONAL VALUES • GLOBAL VISION







Roots, Shoots and Fruits

Exit Point!!!

During our Exit Point, the students task was to become either a vegan or vegetarian for one meal. The students were encouraged to only use plant based products as this was one of the topics covered in the unit. I was really amazed by the effort the students put into this activity

Wong Zhi Xuan

Lau Tze Xuen

Ksiniya Mikhaylova

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TRADITIONAL VALUES • GLOBAL VISION

YEAR 5

Roots, Shoots and Fruits

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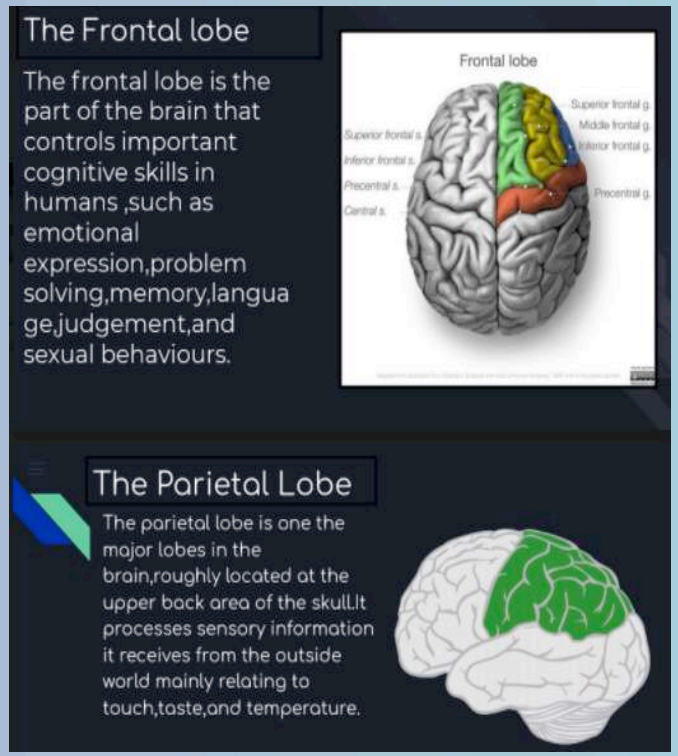
Year 6

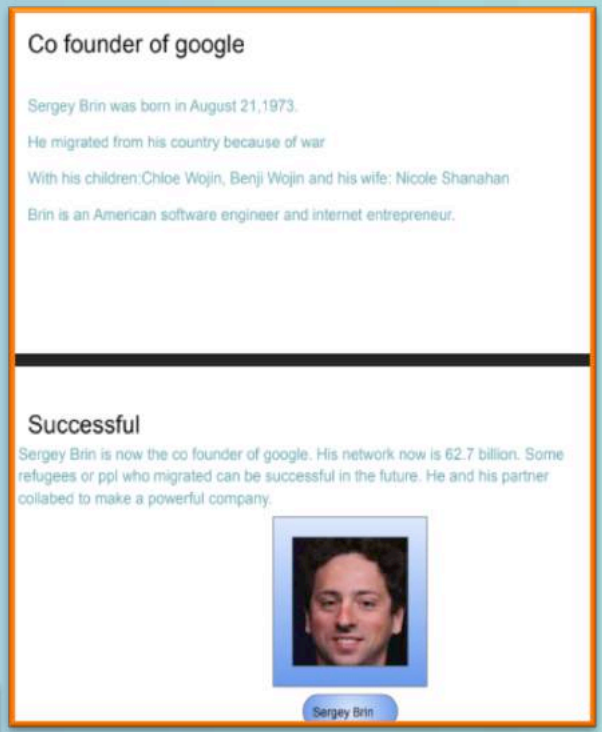
TRADITIONAL VALUES • GLOBAL VISION

The students completed their Exit Point for the topic 'Moving People' by presenting their work during an online lesson. They got to understand the 'Push and Pull ' factors that make people move from one country to another. Here are some examples of what they had in their presentations.

Li You Ran, Raneea Syed Rusliza Binti Abdul Qadir, Pang Ruo Qing



See Shao Jie, Wee Yong Shun, Seow Zhi Hin



Eishal Zahraa Binti Faizal, Anastasia, Andreev, Song JooEun

Slavery in china

By:Ernest Ho

Ho Zu Yao

Facts about slavery in china

- Slavery in china was known way back in the Shang dynasty
- Slavery in china was at least 5% of its population during that period
- Slaves will be killed when they make their boss or leader not happy
- We have at least 3.8M slavery in china at the 20th century

Roman Empire

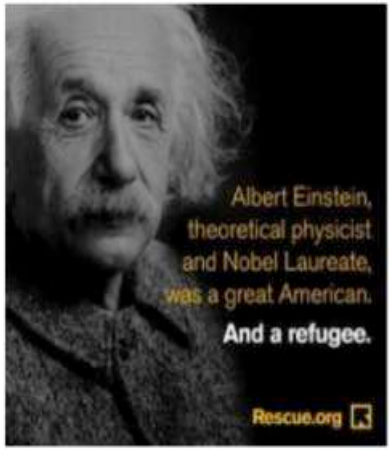
The capital of the Roman Empire is Rome. The Roman Empire was founded in 27 BC. The area of the Roman Empire was 4.4 million km². The Roman Empire was conquered by barbarians and the Pope trend it to the Holy Roman Empire. The population of the Roman Empire was 56.8 million people.

The Roman Empire killed 43 of the 69 roman rulers

The Black Death (Bubonic Plague)

The Black Death also known as the Bubonic plague was a deadly plague that started in 1346 in Spain. The deaths were estimated to be around 75,000,000 – 200,000,000 and it ended on 1353.

Crompton, Thoo Qi Ming, Ju SeungHo



Li XinEr,

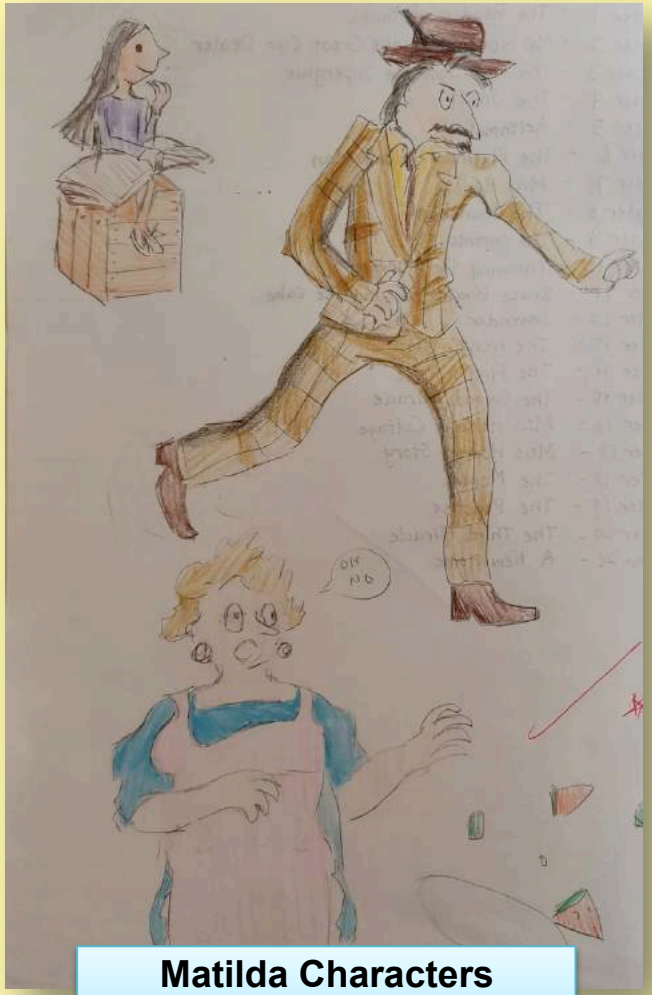
What are push and pull factors?

- Push factors:
- Something that causes people to leave their home country. Some examples are serious xenophobia (racism),natural disasters, famine etc.
- Pull factors:
- Something that attracts people to come to their country. Some examples are good technology, safety from crimes, good education etc.

Karina Ngan ZiYu, Katelyn Eliana Ng, Wan Katrina Amani

YEAR 7 (LITERATURE)

MATILDA - THEMES EXPLORATION



Matilda Characters
Art by Pen Nee

KINDNESS

In chapter 1 The Readers Of Books, the librarian helps Matilda to find a book that is suitable for her, but realised that she wanted to read more challenging books and the librarian helped her out with that, too. She also told Matilda that she could borrow books from the library. (Gabriel Lee)

FAMILY

While Matilda is extremely smart, an important thing missing from her life before she began school was love. Matilda's parents did not love her the way parents should love. The were ignorant and paid no attention to her. However, Miss Honey gives Matilda the love she needs. (Lai Jia Qi)

REVENGE

Revenge is portrayed through Matilda who pulls a prank on someone after they have done something unreasonable to her; for example on page 39, Matilda hid a parrot that made terrifying noises in their chimney after her father Mr Wormwood tore apart her book. (Qi Zheng)

INTELLIGENCE

I chose this theme because ever since she was three years old she could read and has a vocabulary as big as an adult's. She even went to a library to get more books to read, and each book she had read was an adult's novel. Knowing all the times table and also knowing how to do addition in the speed of lightning in her head, she is a child prodigy. (De Mi)

Year 8 (Art)

Nur Qaseh Ireena

Topic : Still Life Drawing

Student learnt how to do the ‘setting’ and draw the still life drawing using pencil and pencil colour.

Sharvenraj Raja Segaran

Year 9 Mandarin

2020年10月20日　　星期二　　晴

我家住在花园旁边的公寓，我从小就和我的小伙伴去花园里面玩，这个花园载满了我童年的回忆，当我爸爸告诉我花园被改成了超市的时候，我的内心是又生气，又崩溃，我这个载满了童年回忆的地方，就这么说没就没了，我有点不能接受这个现实。

这个花园很大与其叫它花园不如叫它公园，这个花园有一个小山丘，一个人工湖，还有一大片花海，小时候，每当放学，我们几个小伙伴就会约好到花园门口集合，开始我们一个下午的游戏时间，我们会先去小山丘玩打枪的游戏，因为我们都是男孩子，小时候都对军事比较感兴趣，所以我们基本上都会有几把玩具枪在家里，我们会在小山丘玩很长的时间，直到累了，我们才会换地方，但是换了地方我们并不是去休息，而是继续玩耍，我们会一边散步一边聊天，走到了湖边，我们就会看那些老爷爷钓鱼，他们的手法很娴熟，不一会儿就钓到了一条大鱼，我们也会为老爷爷们欢呼，最后我们会去花海休息，躺在草地上，无忧无虑的，非常自由，最后到了晚饭时间，我们都各回各家了，结束这美好的一天。

这就是我的童年故事，我希望那些土地开发商可以尊重一下我们这些居民，征求一下我们的意见，不要擅自作主，以免带来不必要的麻烦。

Wang Zi Rui

2020年10月19日　　星期一　　晴

今天，我们家附近的一个花园被改建成为了一个超市，让别人方便买日常用品。虽然，这是一件好的事情，但是我还是非常的不高兴。

在我们家的四周有太多的组屋和商店，这个花园是我唯一可以去做运动的地方。现在他已经变成了超级市场，一定有很多小孩和老人都感到失望。

我希望我们的地方政府可以建造另外一个花园给我们这些居民，好让我们有个消遣的地方，同时也可以打造一个绿化的城市。

我把我的看法告诉了爸爸，爸爸答应我会跟居民协会沟通，希望他们能协助我们达成愿望。

Teoh Zhou Xuen

In Global Perspectives the Year 10 students were asked to discuss different courses of action that they could recommend to the government in order to improve education in the country.

Give rewards to children with good attendance and exam results - Kaylyn and Wesley

Advantages

- Students would have a positive attitude/thinking towards education
- It would encourage children to be more participative in education
- They will enjoy learning more knowing that there will be a prize / reward given to students either by their good exam results or attendance
- It will take a really short time to prepare this because you can just get the rewards in a snack store and bring it to school and give the students
- Prizes can be snacks, stationeries, free time etc

Disadvantages

- Students only learn for the sake of getting rewards; they don't have the heart to learn
- It doesn't 100% work because some students don't really care if they get the rewards or not
- It might cause conflict between the students
- Teachers who teach there might promote the schools and say that it is a good school but in reality, students got good grades because they were motivated by rewards and not by the teachers

Provide more money for school buildings and equipment - Valerie and Jesselyn

Advantages

- They have more equipment that can help their learning (e.g. advanced technology, whiteboard)
- More school buildings provides more opportunities for education for children
- Building more schools will need workers so it provides job opportunities for other people
- The school becomes more appealing so attracts more staff, which leads to an increase in number and quality of teachers.
- Investment in schools can improve student performance and can lead to development of the country and its economy (because people are more educated)
- More impressive schools may attract the attention of schools from other countries and they may want to work together, initiating activities like student exchange programs (which can lead to good reputation for the school)

Disadvantages

- It would be expensive and difficult to maintain the level of investment over a long period of time
- Buildings can take a very long time to build
- It might cause a scarcity in resources because the resources are diverted from other sectors of the country
- If they focus their attention on building schools and providing equipment for education, it might divert them from other important aspects of their country (e.g. medically: buildings hospitals, providing medicine, etc)

Improve the number and quality of teachers by April, Xin Ru and Kah Lok

Advantages

1) Having better quality teachers can help make the students more interested to learn
2) More quality teachers attract more students
3) The school can become well known which could attract forgeign teachers
4) There would be a variety of different teachers and teaching abilities
5) It will benefit the economy/benefit student's family financially

Disadvantages

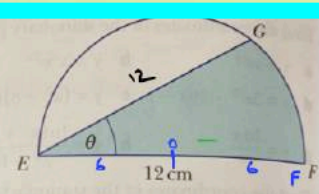
1) More teachers means more money to spend on salaries
2) Difficult to find "quality" teachers
3) Teachers may be biased
4) The Government may need to increase if there is not enough money to pay the teachers
5) International schools may need to increase school fees to pay for the teachers
6) Teachers who are not considered as good quality teachers may be affected by unemployment

Year 11: Additional Mathematics

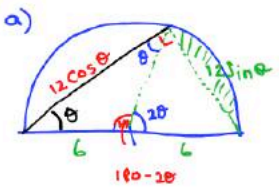
16 The diagram shows a semi-circle with diameter EF of length 12 cm.
Angle $GEF = \theta$ radians and the shaded region has an area of A cm^2.

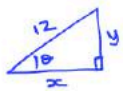
a Show that $A = 36\theta + 18\sin 2\theta$.

b Given that θ is increasing at a rate of 0.05 radians per second, find the rate of change of A when $\theta = \frac{\pi}{6}$ radians.



16) a)



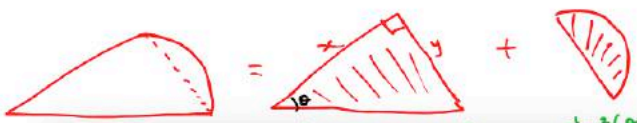


$\cos\theta = \frac{x}{12}$

$x = 12\cos\theta$

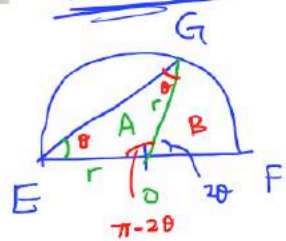
$\sin\theta = \frac{y}{12}$

$y = 12\sin\theta$



$\frac{1}{2}r^2(\theta_r - \sin\theta_r)$

Alternatively



$A = \frac{1}{2}r^2\sin(\pi - 2\theta)$

$B = \frac{1}{2}r^2\sin 2\theta$

16) a) Area $= \frac{1}{\cancel{2}}(\cancel{12}^{6}\cos\theta)(12\sin\theta) + \frac{1}{2}r^2(2\theta - \sin 2\theta)$

$= 72\sin\theta\cos\theta + \frac{1}{2}(6)^2(2\theta - \sin 2\theta)$

$= 72\sin\theta\cos\theta + 36\theta - 18\sin 2\theta$

$= 36(\boxed{2\sin\theta\cos\theta}) + 36\theta - 18\sin 2\theta$

$= 36(\sin 2\theta) + 36\theta - 18\sin 2\theta$

$= 36\theta + 18\sin 2\theta$

$\sin(A+B) = \sin A\cos B + \sin B\cos A$

$\sin 2\theta = \sin(\theta + \theta)$

$= \sin\theta\cos\theta + \sin\theta\cos\theta$

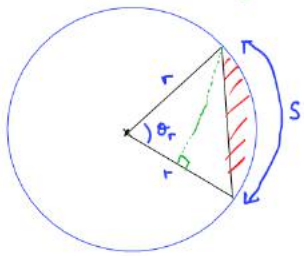
$\boxed{\sin 2\theta = 2\sin\theta\cos\theta}$

$\sin(30+60) = \sin 90° = 1$

$= \sin 30\cos 60 + \sin 60\cos 30$

$= \frac{1}{2}\left(\frac{1}{2}\right) + \frac{\sqrt{3}}{2}\left(\frac{\sqrt{3}}{2}\right) = \frac{1}{4} + \frac{3}{4} = 1$

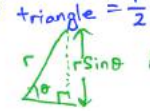
$\cos 2\theta = \underline{?}$



$S = r\theta$ or $\theta = \frac{S}{r}$

Area of sector $= \frac{1}{2}r^2\theta_r$

Area of triangle $= \frac{1}{2}r^2\sin\theta$



Area $\triangle = \frac{1}{2}(r)(r\sin\theta)$

$= \frac{1}{2}r^2\sin\theta$

Area of minor sector $= \frac{1}{2}r^2\theta_r - \frac{1}{2}r^2\sin\theta_r$

$= \boxed{\frac{1}{2}r^2(\theta_r - \sin\theta_r)}$

Colour colours our world! Additional mathematics can be colorful. Students demonstrate their creativity in solving more challenging questions. Students always find different ways to solve a difficult question. Human interaction devices helps students to understand and solve a difficult question easily.

Year 11: Additional Mathematics

Indefinite

2) a) $\int x^n \, dx = \frac{1}{n+1} x^{n+1} + c$

eg $\int x^3 \, dx = \frac{x^4}{4} + c$

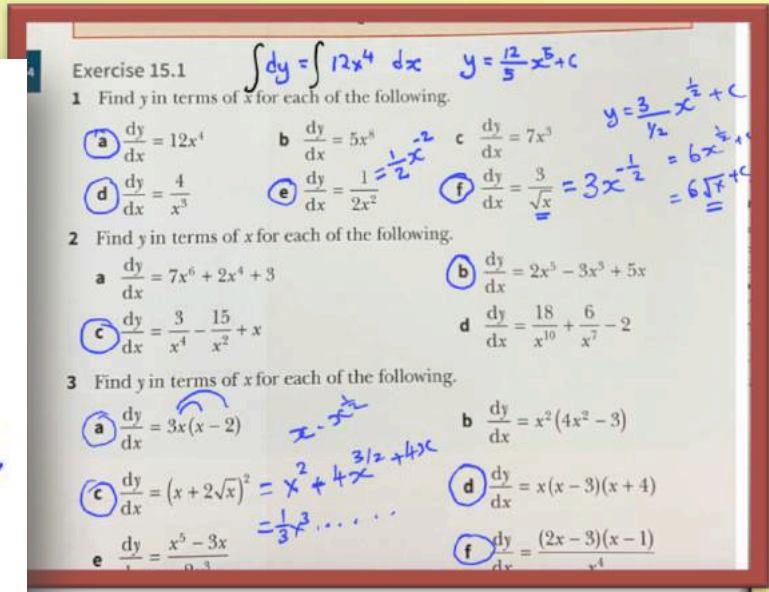
b) $\int (ax+b)^n \, dx = \frac{1}{\left[\frac{d}{dx}(ax+b)\right](n+1)} (ax+b)^{n+1} + c$

$\int (3x+8)^5 \, dx = \frac{1}{(6)(3)} (3x+8)^6 + c$

$\frac{d}{dx}(3x+8)$

c) $\int e^{ax+b} \, dx = \frac{1}{\frac{d}{dx}[ax+b]} e^{ax+b} + c$

$\int e^{2x-3} \, dx = \frac{1}{2} e^{2x-3} + c$



Exercise 15.1

1 Find y in terms of x for each of the following.

a $\frac{dy}{dx} = 12x^4$ b $\frac{dy}{dx} = 5x^8$ c $\frac{dy}{dx} = 7x^3$

d $\frac{dy}{dx} = \frac{4}{x^3}$ e $\frac{dy}{dx} = \frac{1}{2x^2}$ f $\frac{dy}{dx} = \frac{3}{\sqrt{x}}$

2 Find y in terms of x for each of the following.

a $\frac{dy}{dx} = 7x^6 + 2x^4 + 3$ b $\frac{dy}{dx} = 2x^5 - 3x^3 + 5x$

c $\frac{dy}{dx} = \frac{3}{x^4} - \frac{15}{x^2} + x$ d $\frac{dy}{dx} = \frac{18}{x^{10}} + \frac{6}{x^7} - 2$

3 Find y in terms of x for each of the following.

a $\frac{dy}{dx} = 3x(x-2)$ b $\frac{dy}{dx} = x^2(4x^2-3)$

c $\frac{dy}{dx} = (x+2\sqrt{x})^2$ d $\frac{dy}{dx} = x(x-3)(x+4)$

e $\frac{dy}{dx} = \frac{x^5 - 3x}{x^3}$ f $\frac{dy}{dx} = \frac{(2x-3)(x-1)}{x^4}$

Save the best at last! Integration is the topic where students has been asking for. The method to obtain the integral of an equation allowed them to proof why the area equation of a triangle is half by base by height. Assigning of homework can be made easily during distance learning.

PASTORAL CARE ARTICLE
DEVELOPING COMPETENCY IN CHILDREN

When your child says or thinks

- There's no point in trying.
- I do not feel capable of getting by on my own in everyday life.
- I can't seem to discipline myself to complete most routine or boring tasks.
- I don't fit in

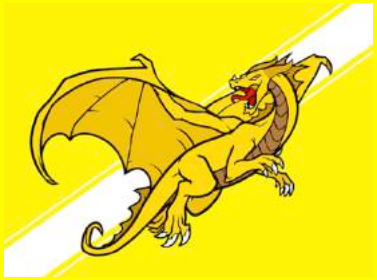
You can support your child by :

- Encouraging children when they come to new challenges or skills. Encourage children to be independent in problem solving. Let them try but support them when they fail, so they do not develop the fear of trying as they know you are there to support.
- Validating children's feelings and perspectives when they fail. Let them understand it is okay to feel disappointed. "I'm sorry it is hard for you…" This will build up the resilience and make them ready to try again.
- Allowing children to make their own choice of decisions and behaviours with clear family rules. This promotes a sense of control. It can starts with small actions (such as choosing the clothes they want to wear for younger one, or planning for a family gathering or trip for the teenager).
- Allowing children to do small tasks by themselves related to their age. Allow them to struggle safely. Struggle helps to build their character and help them in development of healthy coping mechanism.
- Giving children space to develop themselves and do not overshadow your emotional experiences with your children.

Sport House Points

Total: 1582

Merit Points for the week: 66



Total: 1872

Merit Points for the week: 140

Total: 1332

Merit Points for the week: 68

Total: 1415

Merit Points for the week: 88