



★ STAR OF THE WEEK

Lip Min is an exemplary student who constantly displays impeccable standards in learning. He always has a positive attitude and is polite, courteous, and helpful to his peers as well as teachers. His leadership skills are often exhibited when he steps up and shoulders responsibilities given at the shortest notice. These attributes make him the finest choice to lead the Prefects' Board soon. Good going Lip Min.



Chu Lip Min
From 4 Respect

Semester 2 Week 22 & 23

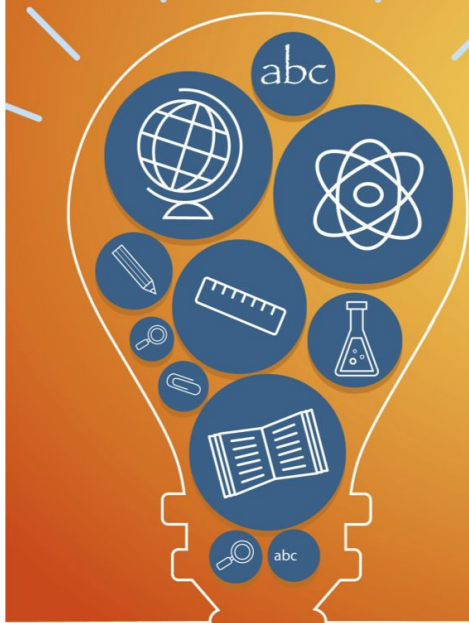




Dear Parents and Guardians,

Greetings from Rafflesia.

Welcome back to Virtual School. I hope it is not too late to remind everyone to fasten your seat belts as we re-discover the realm of online teaching and learning.



As I'm sure you all are aware, we must go through MCO₃ where learning has to be based at home. Despite all the circumstances that we have faced since the pandemic started in 2020, we are far more prepared this year than before. From online lectures to assessments, we have improved our approaches and continue to discover new ways of teaching virtually.

The month of July is around the corner and soon our Form 5 students will be sitting for their first SPM Trial 1. The teachers have groomed them well during extra classes in the past months and this particular trial will be very important to our students.

The pandemic will have a lesser impact on us as Rafflesians and we are certain that we will emerge as winners once the pandemic ceases. Nevertheless, we still hope that we will all come back to school very soon and learn together as usual. Until then, I implore you to stay safe and healthy. Thank you.

**Madam Zainab Batin
Principal
Sekolah Menengah Rafflesia
Kajang**



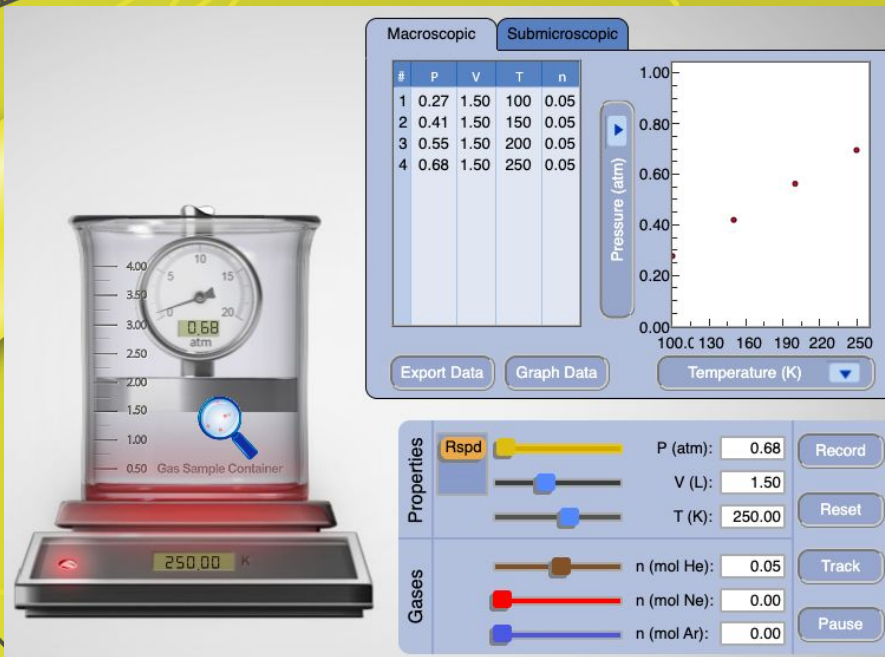
Chemistry : Discovering Boyle's Law

Conducting experiment virtually is not a problem as Form 4 students used a software to observe and study on how change of temperature affects the pressure, volume and behavior of gases particles.

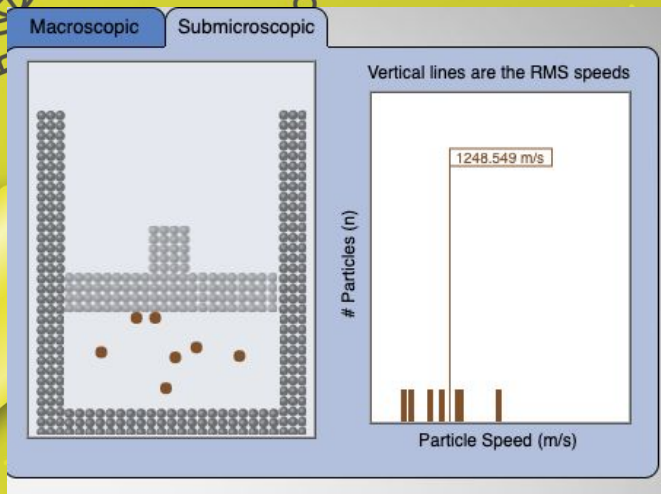
As an outcome of the observation and variables manipulation, Students then plotted the recorded data in graphical representations to determine the relationship between volume, pressure and temperature of ideal gases.



Chemistry : Virtual Experiments

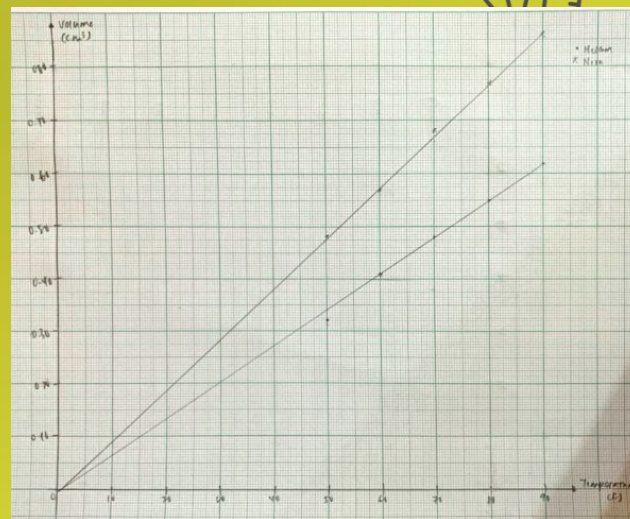


The aim of this virtual experiment is to introduce students to the behavior of gases at both microscopic and submicroscopic levels.



Chemistry : Virtual Experiments

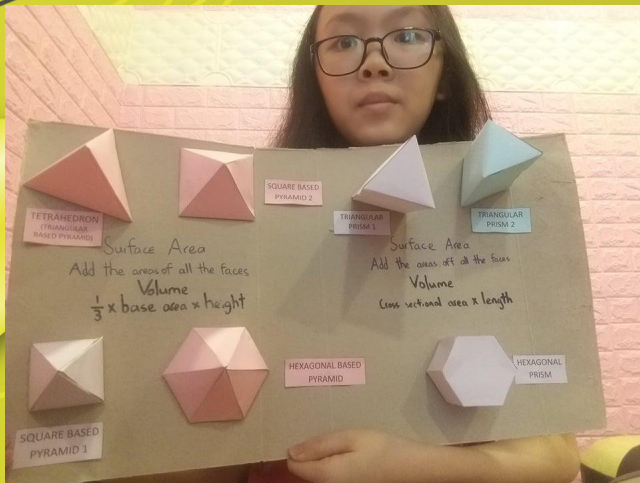
Temperature Vs Volume



Effect of Temperature to gas behaviour, pressure and volume

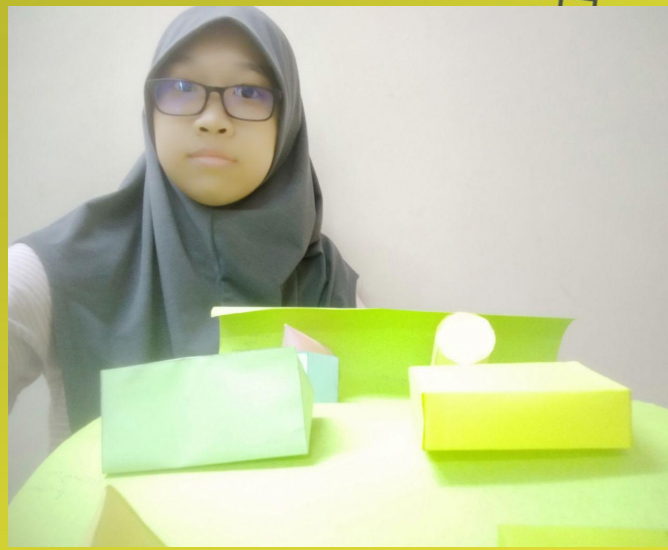


STEM Week Mathematics Exploration



3D Model by Form 2 students

Form 2 and 3 students discover 3D shapes, Mathematics History of Great Mathematicians and their contributions to mankind.





STEM Week Mathematics Exploration

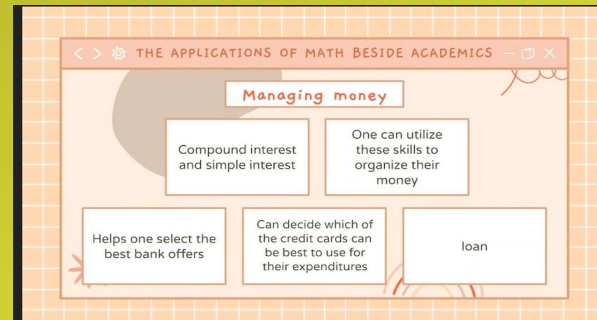
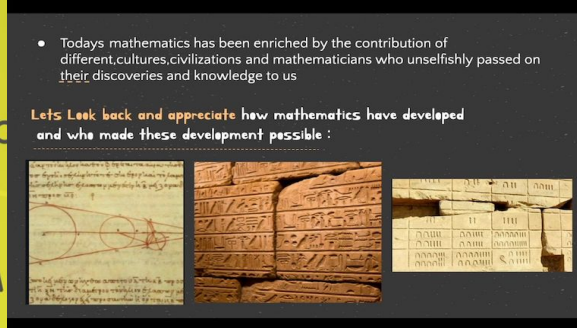
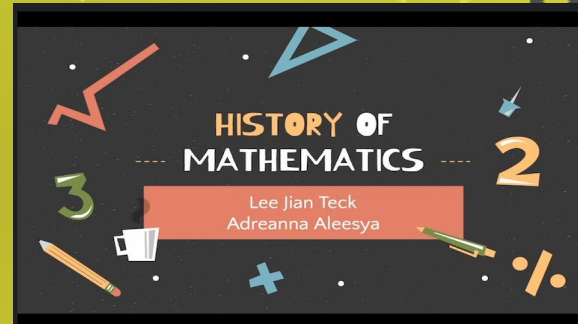


3D Model by Form 2 students



STEM Week Mathematics Exploration

Form 3 research on history and application of mathematics in life !





STEM Week Mathematics Exploration

Terence Chi-Shen Tao (Born 1975)

An Australian of Chinese heritage who lives in the US, Tao also won (and accepted) the Fields Medal in 2006. Together with Ben Green, he proved an amazing result about prime numbers – that you can find sequences of primes of any length in which every number in the sequence is a fixed distance apart. For example, the sequence 3, 7, 11 has three primes spaced 4 apart. The sequence 11, 17, 23, 29 has four primes that are 6 apart. While sequences like this of any length exist, no one has found one of more than 25 primes, since the primes by then are more than 18 digits long.



One of the
greatest
mathematician
in the world!



**Special Message to a Special Person
“Happy Father’s Day”**

Rafflesia
INTERNATIONAL & PRIVATE SCHOOLS

Virtual FATHER'S DAY Event

A SONG DEDICATE TO YOUR FATHER ♥

亲爱的爸爸：
来临的这个父亲节，
我想送你《My Way》这首歌曲。
<https://www.youtube.com/watch?v=8u0tU3U>

感谢有你才有现在幸福的我，
希望你能健健康康的陪我长大。
我爱你❤️。祝你父亲节快乐。

您的女儿 昀忻

best DAD ever

HAPPY father's DAY

LOVE YOU DAD

Rafflesia
INTERNATIONAL & PRIVATE SCHOOLS

Virtual FATHER'S DAY Event

A SONG DEDICATE TO YOUR FATHER ♥

Dear Daddy:

Thank you dad, for giving me a full of love, full of fun's place to live. The thing that you've taught me, I'm still remember. You always give us whatever we want, and teach us how to be a good person and a better person. When I've face a problem, you always there to help me and solve with me together. You are a 'rajin' person, because you work so hard so that our family has a comfortable place to live, and give us what we need. You're also a very funny person, you always can make us laugh. Thank you dad! I love you dad!
By the way, Happy father's day!!! ❤️❤️❤️

Siao Chien

best DAD ever

HAPPY father's DAY

LOVE YOU DAD

Rafflesia
INTERNATIONAL & PRIVATE SCHOOLS

Virtual FATHER'S DAY Event

A SONG DEDICATE TO YOUR FATHER ♥

Dear Daddy:

I'm so grateful to be sharing life, love and parenthood with a wonderful man like you. Thank you for all the ways you go above and beyond every day for our family. Happy Father's Day.

Niklesh A/L Pubaalan

best DAD ever

HAPPY father's DAY

LOVE YOU DAD

Rafflesia
INTERNATIONAL & PRIVATE SCHOOLS

Virtual FATHER'S DAY Event

A SONG DEDICATE TO YOUR FATHER ♥

亲爱的爸爸：
来临的这个父亲节，
我想送你《父亲》这首歌曲。
<http://www.bilibili.com/video/BV134411y7914>

希望爸爸健健康康，工作顺利。
父亲节快乐。

您的女儿 芊颖

best DAD ever

HAPPY father's DAY

LOVE YOU DAD



Rafflesia
INTERNATIONAL & PRIVATE SCHOOLS

**SCHOOL EVENTS AND
ACTIVITIES**

**TRADITIONAL VALUES
GLOBAL VISION**

*Sekolah Menengah Rafflesia
Kajang*



HARI RAYA CELEBRATION

24th May, 2021



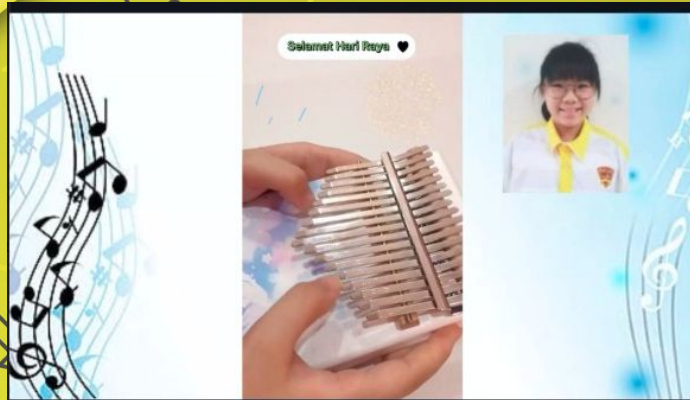
Rafflesia
INTERNATIONAL & PRIVATE SCHOOLS

SCHOOL EVENTS AND ACTIVITIES

TRADITIONAL VALUES
GLOBAL VISION



Virtual Hari Raya Celebration



A blast online celebration and we hope to celebrates this event physically in the coming year !



STEM Week Challenge

Pyramid Catapult

MY STEM RESEARCH



The craft stick catapults were super fun and a great learning experience for me. I designed a very big wooden stick pyramid base area so that it can support the catapult well when launching an object. This is to ensure the catapult is able to launch an object to a long distance with the potential energy.





**MY PAPER
ROCKET!**



PERCIVAL TAN DAVID
FORM 1



**STEM Week
Challenge**

Paper Rocket

My STEM project is designed base on the concept of stability. The original shape of the rocket as Figure 1. I found that the center of the gravity of the rocket is very low and the base area of the rocket is small. Therefore, I increase the base area of the rocket by having four different support stands although I can't change the center of the gravity.

**Paper
Rockets**



Figure 1



MY STEM PROJECT



PUTERI NUR UMMAIRA BINTI EZRRIE RAFIZI
FORM 1



**STEM Week
Challenge**

Paper Rocket

FACTORS THAT AFFECT STABILITY.

- 1. THE POSITION OF THE CENTRE OF GRAVITY.**
A LOWER CENTRE OF GRAVITY GIVES MORE STABILITY TO AN OBJECT.
- 2. THE SIZE OF THE BASE AREA.**
AN OBJECT WITH A LARGE BASE HAS BETTER SUPPORT AND MORE STABILITY COMPARED TO AN OBJECT WITH A SMALLER BASE.
- 3. THE WEIGHT OF THE OBJECT.**
A HEAVIER OBJECT IS MORE STABLE THAN A LIGHTER ONE. IF AN OBJECT HAS DIFFERENT DENSITIES, THE HEAVIER PART OF IT WILL HAVE A LOWER CENTRE OF GRAVITY.



*Thank
you!*



NIA ARIANNA BINTI ADI KHAIRULZAMAN
FORM 1



**POPSICLE
STICK
CATAPULT
DESIGN**

STEM Week Challenge

Popsicle Stick Catapult Design

THE POPSICLE STICK PYRAMID CATAPULT IS MAINLY APPLY THE CONCEPT OF TRANSFER THE ENERGY FROM POTENTIAL ENERGY TO KINETIC ENERGY. THE RUBBER BAND WILL AFFECT THE RATE OF POTENTIAL ENERGY WHEN THE WE PULL THE BASKET, THE GREATER THE POTENTIAL ENERGY IT WILL CAUSE THE INCREASE OF KINETIC ENERGY. IN ORDER TO INCREASE THE POTENTIAL, I USE MORE RUBBER BAND.



THANK YOU



Ciri-ciri Wang

1. Diterima umum
2. Tahan lama
3. Mudah dikenali serta mudah dibawa
4. Penawaran yang terhad
5. Boleh dibahagikan kepada unit kecil
6. Kuantiti yang seragam

Dibuat Oleh CHUMONN

FUNGSI BANK PUSAT

Mengeluarkan mata wang

- BANK PUSAT MEMPUNYAI KUASA TUNGGAL UNTUK MENGELUARKAN MATA WANG NEGARA IAITU RINGGIT MALAYSIA(RM).

Mengawal kestabilan nilai mata wang

- MEWUJUDKAN SANDA AN MINIMUM
- MENGAWAL INFLASI

Jurubank kepada kerajaan

- MENTADBIR AKAUN NEGARA
- MENGURUS PERTURAN ASING
- MENGURUS HUTANG NEGARA

Jurubank kepada bank perdagangan

- MENYEDIAKAN AKAUN PENJELASAN ANTARA BANK
- MENJAGA RIZAB BERKANUN
- SUMBER PINJAMAN TERAKHIR KEPADA BANK PERDAGANGAN

Mengawal kestabilan ekonomi

- BANK PUSAT MENGAWAL EKONOMI DARIPADA MENGALAMI INFLASI.

DISEDIAKAN OLEH: JOLENE

Economy : Money and the Bank

JENIS-JENIS WANG

Duit Syiling: Memudahkan aktiviti urusiaga yang melibatkan nilai muka kecil contoh 1 Sen, 5 Sen, 10 Sen, 20 Sen, dan 50 Sen.

Wang Kertas: Dikeluarkan kepada rizab antarabangsa iaitu jumlah emas dan pertukaran matawang asing

Deposit Semasa (Cek): Pelanggan Bank perdagangan yang membuka akaun semasa diberi kemudahan cek.

SHAQQIF IMAN

Classwork by Form 4 Respect students reflecting the history of money, it's features and use.



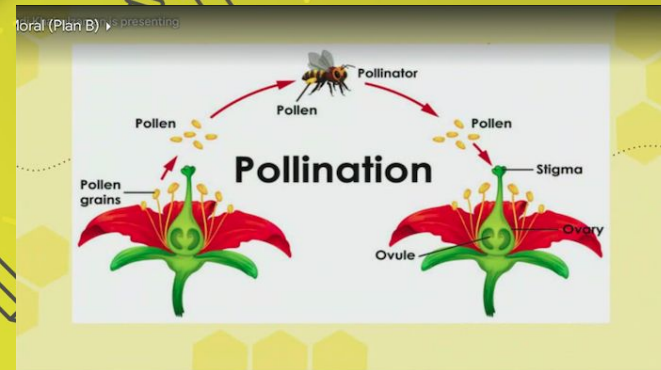
**Science: Pollination Research and
Germination Project**

Types of pollination

- 01. Self-pollination**
Self-pollination occurs when the pollen from the anther is deposited on the stigma of the same flower, or another flower on the same plant.
- 02. Cross-pollination**
Cross-pollination is the transfer of pollen from the anther of one flower to the stigma of another flower on a different individual of the same species.

What is pollination?

Pollination is the act of transferring pollen grains from the male anther of a flower to the female stigma. The goal of every living organism, including plants, is to create offspring for the next generation. One of the ways that plants can produce offspring is by making seeds.



Definition of Pollination and types of Pollination

Definition of Pollination

Pollination is the transfer of pollen from a male part of a plant to a female part of a plant, later enabling fertilisation and the production of seeds, most often by an animal or by wind.

Types of Pollination

Pollination takes two forms: **self-pollination** and **cross-pollination**.

Self-pollination occurs when the pollen from the anther is deposited on the stigma of the same flower, or another flower on the same plant.

At the bottom, there are two small diagrams. The left one is labeled 'self-pollination' and shows pollen from an anther landing on the stigma of the same flower. The right one is labeled 'cross-pollination' and shows pollen from one flower landing on the stigma of a different flower.



Science: Pollination and Germination Project



**Seed Germination by Chin Yun
Xin of Form 1**

Form 1 Seed Germination Project in which students learn about the requirements of seeds to germinate. The students found that seeds need water, air and suitable temperature to germinate.



**Welcome !
New Members of Prefects' Board**



**Low Jun Hong
Form 1 Respect**

Jun Hong is hard working, kind, and has a positive attitude. He is an aspiring dancer who has won many competitions and hopes to be a dancing instructor as his role model, his dance teacher.



**Zoe Chen Zoe
Form 1 Respect**

Zoe is attentive, contributes to class discussions, and is often an active participant in class. She gives her best in all that she does and never forgets to smile!



Percival Tan David
Form 1 Respect

Percival has a very pleasant personality. His wittiness makes everyone comfortable being around him. He is also a diligent worker apart from being an ardent drummer.



**Nia Arianna binti Adi
Khairulzaman**
Form 1 Respect

Nia has presented many leadership qualities from the very beginning of her journey at Rafflesia. Her good grades are a reflection of her positive attitude towards learning.



Nurul Adreanna Aleesya
Binti Ismail Ridha
Form 3 Respect

Adreanna is hardworking, honest, caring, and a friend to all other students. She has displayed outstanding leadership skills and is a good team player.



Puteri Nur Ummaira binti
Ezzrie Rafizi
Form 1 Respect

Puteri is hardworking and shows great enthusiasm in learning. She also assists her classmates with their work. She is bubbly and always excited to explore new horizons.



Chin Yun Xin
Form 1 Respect

Yun Xin goes above and beyond in her school work and always strives to do her personal best. She is always ready with a smile, apart from being very polite.



5 Tips for students keeping motivated during online learning class



Try to follow a routine

1

Just like traditional classrooms have 'Time-tables' that are adhered to, in order to make the most of an online learning environment, it is important that you stick to a schedule. This will bring about the discipline that is needed to sit down at a designated time each day and learn.

Eliminate distractions

2

From Netflix and social media to friends requesting you to join online for a quick game, you'll face many distractions that can easily derail your studies. The thriving learners know how to lessen these distractions and set aside time to focus. Set up a workspace separate from distractions such as the phone or TV and then reward yourself with those things after you're through with what needs to be done for the day.

Eat well & sleep well

3

Staying at home amidst a nation-wide lockdown brought about by COVID-19 is bound to evoke several emotions - ranging from being bored and helpless to feeling tense and anxious. It is vital that we take care of ourselves well in these times. Remember to eat healthy and take proper rest. A healthy body is our best bet right now.

Communicate with teachers & fellow classmates

4

Do not shy away from using technology to connect with your friends and teachers online. Feel free to use the online platform to share study tips, ask questions, discuss study topics and clear doubts. You may even keep time to connect with your peers via video calls.

Set goals

5

Set short-term and long-term goals and allow yourself to celebrate on completion of those goals by rewarding yourself with your favourite dessert or taking a short break to listen to your favourite song. Little things like these will help keep you motivated. Your goals can be linked to complete mastery of a topic or attempting a practice test. The idea is to keep learning and accomplishing things.

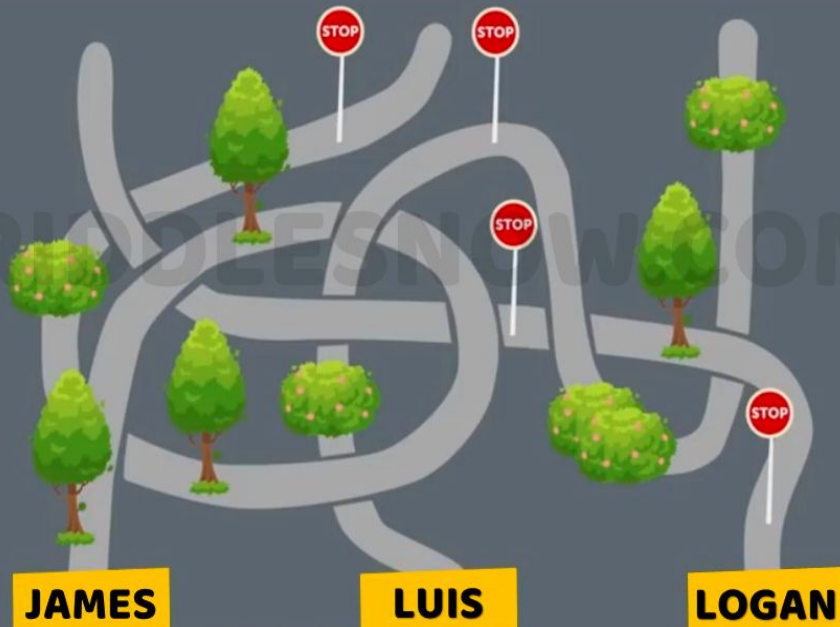
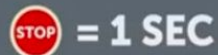
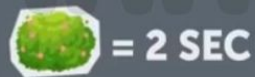


○ ***Important Reminders***

- **SPM Trial 1 Examination
28th June - 8th July, 2021**
- **Virtual Parent Teacher Conference
30th June 2021 (Tentative)**
- **STEM Week
5th - 9th July 2021**
- **Sports Week
12th - 16th July 2021**
- **Mid Semester 2 Holiday
17th - 25th July 2021**



WHICH TRACK WILL TAKE THE MOST TIME?





Rafflesia
INTERNATIONAL & PRIVATE SCHOOLS

Newsletter 2021

TRADITIONAL VALUES
GLOBAL VISION

THERE ARE NO LIMITS TO
WHAT YOU CAN
ACCOMPLISH, EXCEPT THE
LIMITS YOU PLACE ON
YOUR OWN THINKING.

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