



★ STAR OF THE WEEK ★

In Aqeel, we have a very promising young man with an abundance of talent. He is always eager to participate in both class and other extracurricular activities. Being a regular face in presentations and performances, Aqeel has a knack for showmanship.

He mingles with ease and is always courteous. Along with consistently improving grades and splendid classwork, he is an example to the rest. Good job Aqeel!



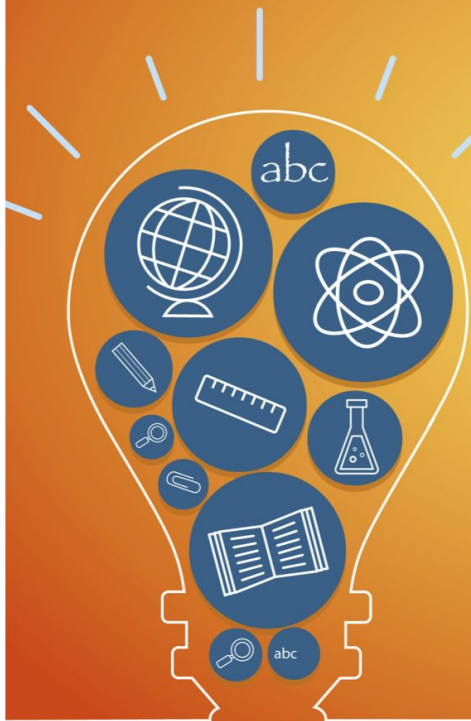
**Muhammad Aqeel bin
Mohd Fareed
FORM 1 RESPECT**

Semester 2 Week 32 & 33



Dear Parents and Guardians,

Greetings from Rafflesia!



Nationwide, we are still in the midst of celebrating Merdeka and Malaysia Day - appreciating the day in which our country gained its independence and also the formation of Malaysia in 1963. This is a piece of our history that we all must ensure that our younger generation appreciate and be thankful to their forefathers who fought for it to be materialised.

We are also in the final week in preparing our Form 5 students for their SPM Trial 2 Examinations, which was scheduled on 20th September, 2021. A week-long holiday should be used wisely to prepare for the exam. We are confident that the students will do very well in their trial. Regardless, we greatly appreciate tremendous support from parents in ensuring the participation of their children in all planned academic improvement programmes.

The COVID-19 infection cases are not really showing a reduction in number. In the meantime we all must continue to follow SOP at all times and hope to break the chain of infection. Let us all pray for our safety and foremost for a prosperous, peaceful and harmonious Malaysia.

Last but not least, I would like to wish everyone a Happy Malaysia Day and Happy Holidays.

Madam Zainab Batin
Principal
Sekolah Menengah Rafflesia
Kajang



Rafflesia
INTERNATIONAL & PRIVATE SCHOOLS

SCHOOL EVENTS AND ACTIVITIES

TRADITIONAL VALUES
GLOBAL VISION

JALUR GEMILANG MALAYSIA PRIHATIN 2021





Science: Space and the Satellites

Medium Earth Orbit (MEO)

GPS satellites have an altitude of about 2,000 - 35,780km from the Earth.

Duration is about 2 to 24 hours to complete the rotation

MEO satellites are commonly used in global positioning system (GPS)

Ching Yee Ning & Lee Kar Yan (5R)

Form 5 students gather information from the internet and other media sources on the types of satellite orbits and their function and present their findings to their classmates. Great way to brainstorm and instill collaborative skills and promote in-depth learning on the topic.



Low Earth Orbit (LEO)

Bek Eason



Ashraf

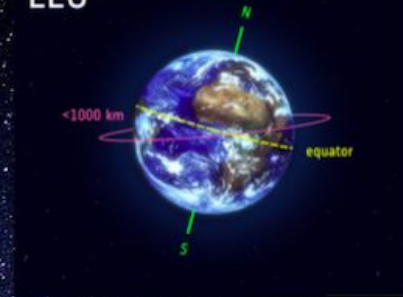
The orbit is the nearest to the Earth, less than 2,000km from the Earth's surface

Duration of orbit is less than 128 min

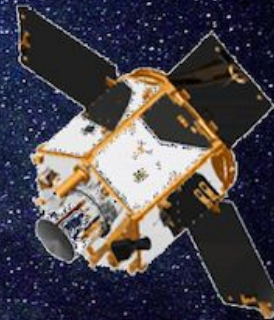
velocity of the orbit is 7.8km/s

space ships, space stations, space telescopes and mobile phone satellites moves in this orbit

LEO



**MALAYSIAN SATELLITE
RAZAKSAT, TiungSAT-1**



RazakSAT is a high-resolution Malaysian Low Earth Orbit (LEO) satellite

Malaysian owned satellite
TiungSAT - 1



Geosynchronous Orbit, GSO



**MALAYSIAN
SATELLITE**

MEASAT 2



Located at an altitude of 35,786km from Earth

takes less than 24h to orbit the Earth

Using MEASAT-2miss
on Telecommunicatio
n GEO orbit 146. E

**F5 Tan
Kim Guan
& Hee Wai
Enn**

Examples of orbit: Tundra orbit, Quasi-Zenith orbit

Uses; remote sensing, navigation and weather forecast



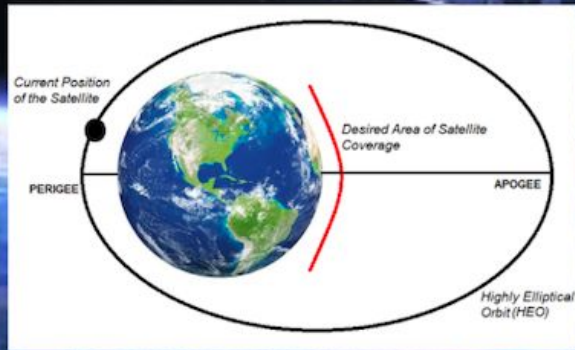


**F5 Wong
Jia Hui &
Chan Zi
Lin**

Highly Elliptical Orbit (HEO) is an elliptic orbit with high eccentricity, usually referring to one around Earth.

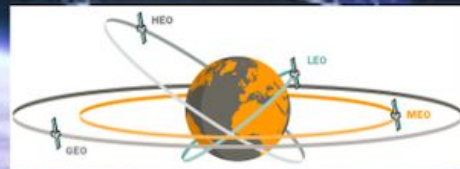
**HEO is oblong,
with one end
nearer the
Earth and the
other more
distant.**

There is a recognised gap in the global observing system at latitudes between 50–70°N



The altitude of under 1,000 km and a high apogee (the point farthest from the earth) altitude of over 35,756 km.

suited for communications, satellite radio, remote sensing, and other applications.





Rafflesia
INTERNATIONAL & PRIVATE SCHOOLS

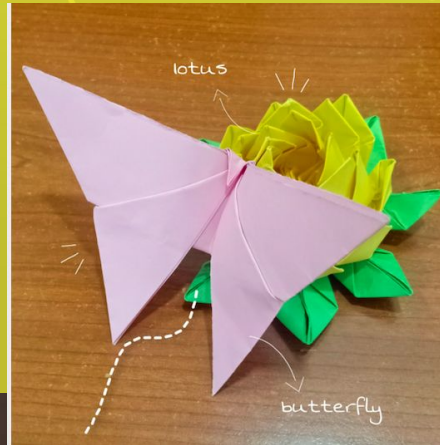
SCHOOL EVENTS AND ACTIVITIES

TRADITIONAL VALUES
GLOBAL VISION

**CCA Activities : Arts &
Crafts**

Origami

Tang Hui Jun



Nicole Cheah



Letisha



Poster Making



Merdeka Celebration - Poster Pantun Merdeka

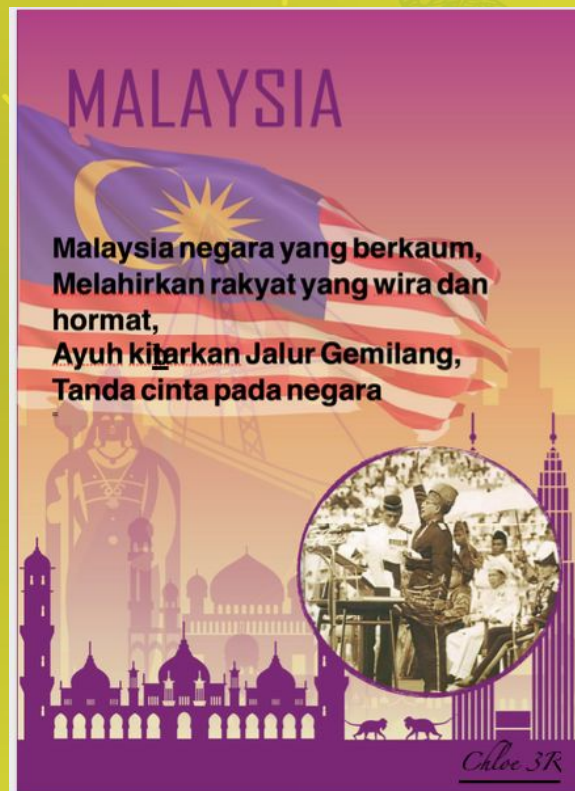




Rafflesia
INTERNATIONAL & PRIVATE SCHOOLS

SCHOOL EVENTS AND ACTIVITIES

TRADITIONAL VALUES
GLOBAL VISION





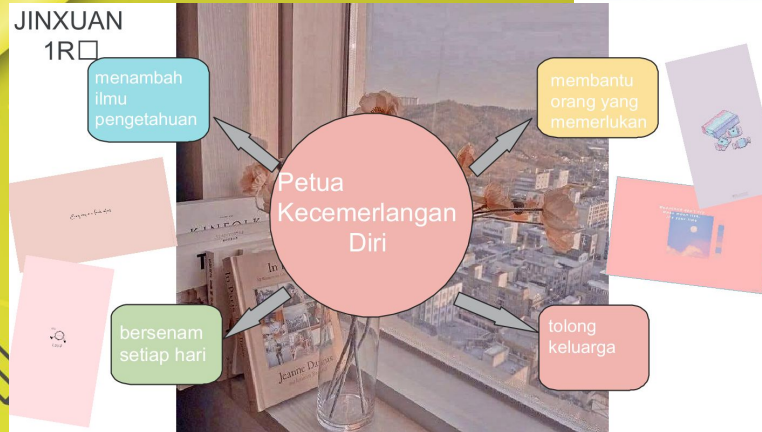
Aqeel

Petua kecemerlangan diri

F1R



JINXUAN
1R□



Bahasa Melayu
Mind Mapping using Simple
Language to express ideas in
creative manner



Yun Xin 1R

Petua Kecemerlangan Diri

menjadi lebih rajin dan gigih

Membuat jadual waktu belajar untuk membantu murid menguasai kandungan pelajaran dengan baik.

bersemangat jitu untuk mencapai cita-cita.

BT21

Students exhibited their ideas on ways to be a successful student!

nia 1r

Petua Kecemerlangan saya

berusaha keras

mendapat keputusan yang baik dari peperiksaan

jangan berputus asa

menyelesaikan semua kerja saya



Co-Curricular Activities : Catering Club



Catering Club offered basic cooking activities for young people. Sharing recipes and cooking tips for the fun of it. It gives students the opportunity to try out cooking simple recipes at the comfort of their home. Cooking is a must have skill to young people.

Nasi Lemak Merdeka



Cooking and baking simple
dish for fun !



Mathematics : Learning Mathematics Virtually

Since the widespread shift to virtual learning due to the COVID-19 pandemic, math teachers have transitioned to remote or virtual learning platforms. Online platforms might feel less personal and more limited. Still, they offer unique and same possibilities to create safe, collaborative spaces students experience in the face-to-face classroom.

Teacher are using math apps Geogebra to engage students in mathematics learning. Students can view polygons and other shapes in mathematics; learning and using it to understand theories that come with it. Whiteboard Fi is another application which allow collaboration and brainstorming session among students.



Rafflesia
INTERNATIONAL & PRIVATE SCHOOLS

SCHOOL EVENTS AND ACTIVITIES

TRADITIONAL VALUES
GLOBAL VISION

You're presenting to everyone

Student Whiteboards

Lee Yang 10 others

Ho

You

Student Whiteboards

Search student

Eng Hui Em	Hi KaiYang	Jeanice	Ji Zheng
Jian Li	Loke Li Tong	Maxwell Jared Daniel	Mei Ying
Min Zhun	Wai Choong	Yu Xuan	

Student Whiteboards

Search student

Eng Hui Em

Jian Li

Loke Li Tong

Workbook pg88 (A)

Prove:

4. $\sin(A + 120^\circ) + \sin(A + 240^\circ) = -\sin A$

LHS

$$= [\sin A \cos 120^\circ + \cos A \sin 120^\circ] + [\sin A \cos 240^\circ + \cos A \sin 240^\circ]$$

$$= [\sin A (-\cos 60^\circ) + \cos A (\sin 60^\circ)] + [\sin A (-\cos 60^\circ) + \cos A (-\sin 60^\circ)]$$

$$= [\sin A (-0.5) + \cos A (\sqrt{3}/2)] + [\sin A (-0.5) + \cos A (-\sqrt{3}/2)]$$

$$= -0.5 \sin A + \sqrt{3} \cos A/2 + [-0.5 \sin A - \sqrt{3} \cos A/2]$$

$$= -0.5 \sin A + \sqrt{3} \cos A/2 - 0.5 \sin A - \sqrt{3} \cos A/2$$

$$= -\sin A$$

PROVED 🙄

FEEDBACK QUICK REACTIONS

Whiteboard Fi



Diagonals of polygon

File Edit View Options Tools Window Help

Number of Sides = 8 **Erase all diagonals**

- Diagonals joining A
- Diagonals joining B
- Diagonals joining C
- Diagonals joining D
- Diagonals joining E
- Diagonals joining F

Table of diagonals of poly...

Polygon with vertices	Number of sides	Number of vertices	Number of diagonals joining						Total number of diagonals
			A (red)	B (blue)	C (green)	D (purple)	E (orange)	F (grey)	
3	3	3							0
4	4	4	1	1					2
5	5	5	2	2	1				5
6	6	6	3	3	2	1			9
7	7	7	4	4	3	2	1		14
8	8	8	5	5	4	3	2	1	20
9	9	9	6	6	5	4	3	2	27
10	10	10	7	7	6	5	4	3	35

Geogebra

Diagonals of polygon

File Edit View Options Tools Window Help

Number of Sides = 6 **Erase all diagonals**

- Diagonals joining A
- Diagonals joining B
- Diagonals joining C
- Diagonals joining D

Diagonals of polygon

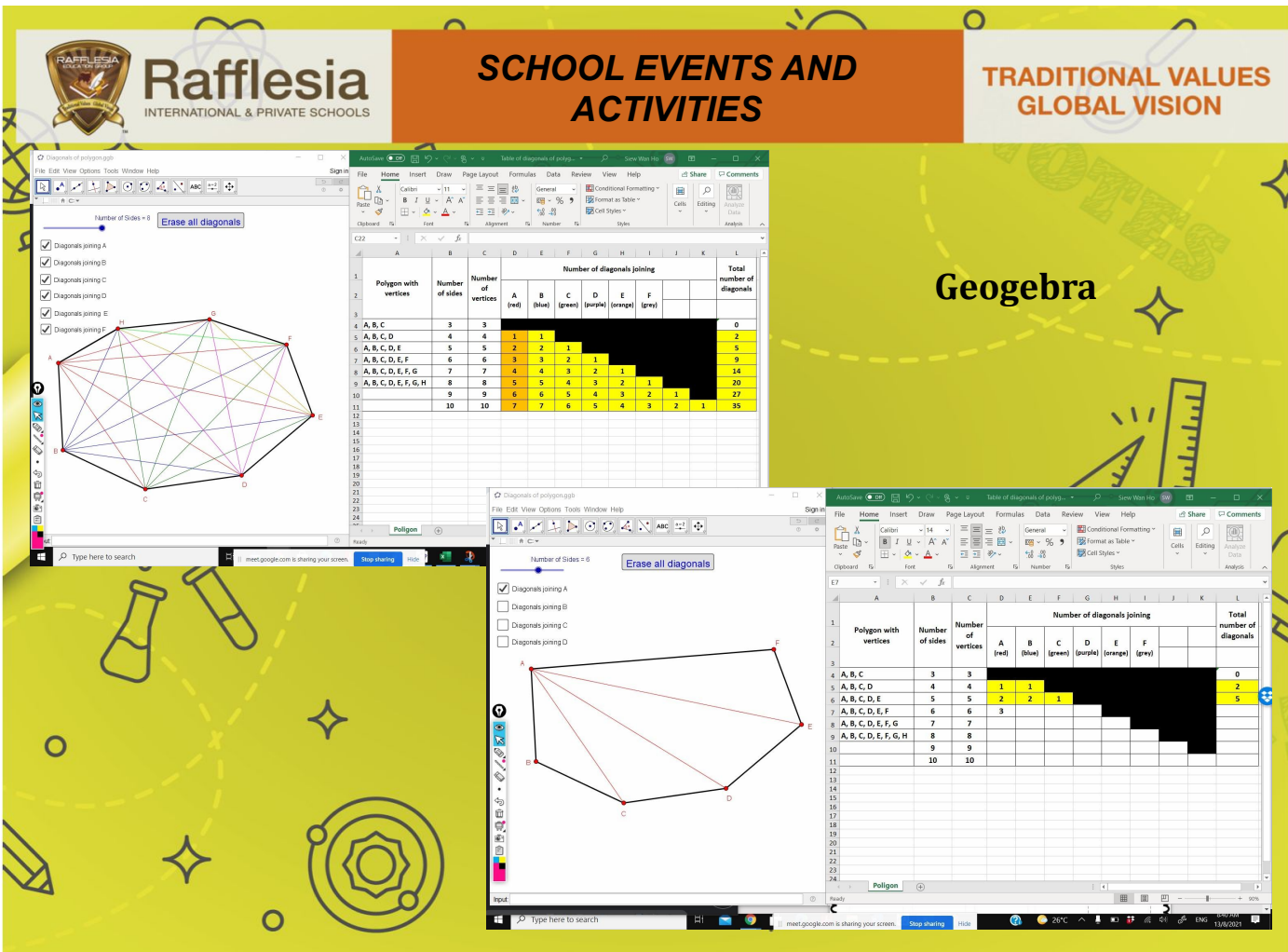
File Edit View Options Tools Window Help

Number of Sides = 6 **Erase all diagonals**

- Diagonals joining A
- Diagonals joining B
- Diagonals joining C
- Diagonals joining D

Table of diagonals of poly...

Polygon with vertices	Number of sides	Number of vertices	Number of diagonals joining						Total number of diagonals
			A (red)	B (blue)	C (green)	D (purple)	E (orange)	F (grey)	
3	3	3							0
4	4	4	1	1					2
5	5	5	2	2	1				5
6	6	6	3						3
7	7	7							0
8	8	8							0
9	9	9							0
10	10	10							0





Rafflesia
INTERNATIONAL & PRIVATE SCHOOLS

SCHOOL EVENTS AND ACTIVITIES

TRADITIONAL VALUES
GLOBAL VISION

Virtual Merdeka & Malaysia Day Celebrations

MERDEKA MUSICAL JOUNEY



MERDEKA PUBLIC SPEAKING



MERDEKA POEM





HISTORY MERDEKA QUIZ

20 Jawapan Betul!

Tahniah, anda seorang **Negarawan**
Anda cinta Malaysia sehat! sejiwa!

OK

20 Jawapan Betul!

Tahniah, anda seorang **Negarawan**
Anda cinta Malaysia sehat! sejiwa!

OK

12 Jawapan Betul!

Terima kasih, anda seorang **Sakvat Patriotik**
Anda cukup mengenal Malaysia!

OK

25 Jawapan Betul!

Tahniah, anda seorang **Negarawan Terbilang**
Anda tahu mengenai seluruh negara!

OK

18 Jawapan Betul!

Terima kasih, anda seorang **Pencinta Negara**
Anda kenal dan sayang Malaysia!

OK

**Tahniah! Anda
Seorang Negarawan**



Rafflesia
INTERNATIONAL & PRIVATE SCHOOLS

SCHOOL EVENTS AND ACTIVITIES

TRADITIONAL VALUES
GLOBAL VISION

ANUGERAH NEGARAWAN/NEGARAWATI SMRK

**BULAN MERDEKA
TINGKATAN 3**

TAN HUI JUN
CHEAH PUI SAN
LOKE LI TING
TAN MEI SI
NURUL ADREANA
HEE BOH JIN
EN CLOE



Reena a/p Kasi has left the meeting



ANUGERAH NEGARAWAN/NEGARAWATI SMRK BULAN MERDEKA TINGKATAN 5

LOKE LI TONG
HEE WAI ERN
SIEW WAI CHOONG



ANUGERAH NEGARAWAN/NEGARAWATI SMRK BULAN MERDEKA

**TINGKATAN 1
PERCIVAL**

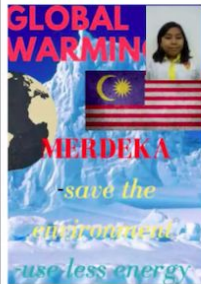
NIKLESH
AQEEL
CHIN YUN XIN
NIA ARIANA
PUTERI
SRINATH



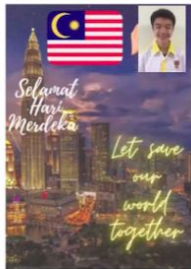
Congrats to
Negarawan &
Negarawati SMRK



IVANA



Wai Ka



chris



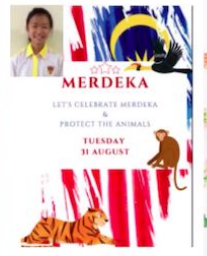
Chu Lip Min



Jolene



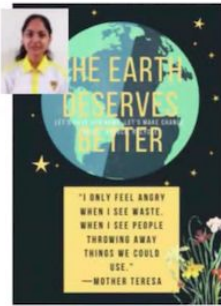
xuan



Xin Nee



samina zakhir ali



jiachee



Poster Merdeka



TIPS ON WHAT TO DO BEFORE STUDYING



- Make a master list of exams.
- Know what to expect.
- Attend class.
- Complete all assignments on time.
- Take notes and review them regularly.
- Plan regular study time.
- Be aware of your environment.
- Study when you'll be most attentive.



○ ***Important Reminders***

- **Mid Semester 2 Holiday
11th - 19th September, 2021**
- **SPM Trial 2 2021
20th September - 4th October, 2021**
- **Coffee Morning
28th September, 2021**



BRAIN TEASER



Look at this series:

7, 10, 8, 11, 9, 12, ...

**What number should come
next?**



Rafflesia
INTERNATIONAL & PRIVATE SCHOOLS

Newsletter 2021

TRADITIONAL VALUES
GLOBAL VISION

What hurts you
today
makes your
stronger
tomorrow.

@therandomvibez



www.ris.edu.my



[rafflesiainternationschools](https://www.facebook.com/rafflesiainternationschools)



+603 8741 7099