Rafflesia
INTERNATIONAL & PRIVATE SCHOOLS

Sekolah Menengah Rafflesia Puchong
Newsletter 2021

TRADITIONAL VALUES
GLOBAL VISION

SMRP NEWSLETTER 15

WEEK 34 & 35

20th September 2021

-

1st October 2021

Rafflesia
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Newsletter 2021

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Star OF THE WEEK

Ng Yoke Hui is a quiet and unassuming student. She is a friendly and well-liked student who is extremely respectful and obedient. She is always attentive in class, completes all assigned tasks on time, and is a proactive student. Yoke Hui is a model student who should be recognised wherever she goes. Keep up the good work, Yoke Hui!

Ng Yoke Hui - F1W

Sekolah Menengah Rafflesia Puchong

Principal's Message

Dear Parents/Guardians,

The SPM Trial 2 for Form 5 students was conducted smoothly as planned from 20 September 2021 to 1st October 2021. We are constantly monitoring and preparing our Form 5 students to gear up for their coming SPM. For the next few months, they will be doing revision, drilling exercises on selected topics and attempting past year SPM examination papers. On the Vaccination Programme for students age group 12 – 17 years old organised by MOE, the first batch of students for age group 16 -17 years old was completed on 24 September 2021 by MOH. The next batch would be age group 13 -15 years old.

SMRP Activities:-

- **Science** - Experiment (Why the sky is blue? / How is the rainbow formed?)
- **Reka Bentuk & Teknologi** - Sistem Fertigasi
  - Sistem Akuaponik
- **Music** - Hidden musicians
- **English** - Survey using questionnaire

Quotable Quote:-
Yesterday was "Experience". Today is "Experiment". Tomorrow is "Expectation". Use Your "Experience" In Your "Experiment" To Achieve Your "Expectation".

Thank you for your unwavering support and cooperation.

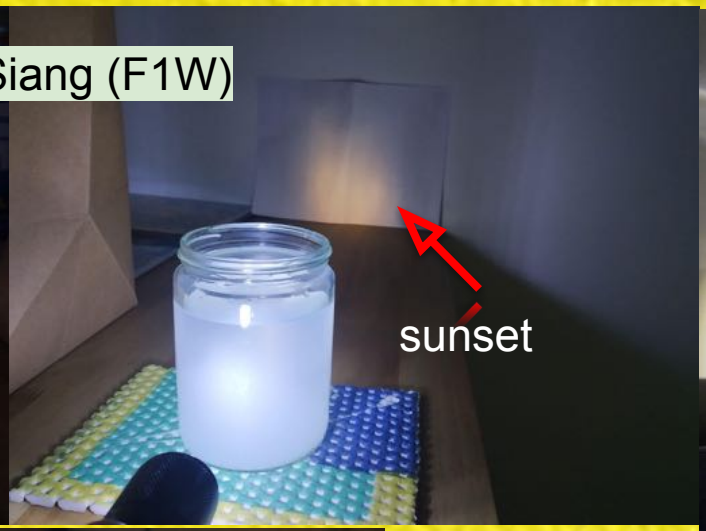
Allen Yong Kuan Hon
Principal

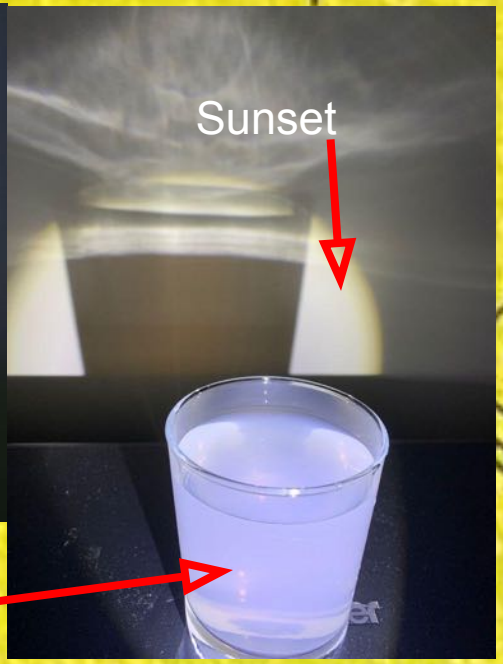
Experiment- Why is the Sky Blue?

Blue light is more scattered. Therefore, we see the sky blue during the day.

Red and orange are less scattered. Therefore, we see the sky reddish-orange during sunset.

Foo Yi Siang (F1W)



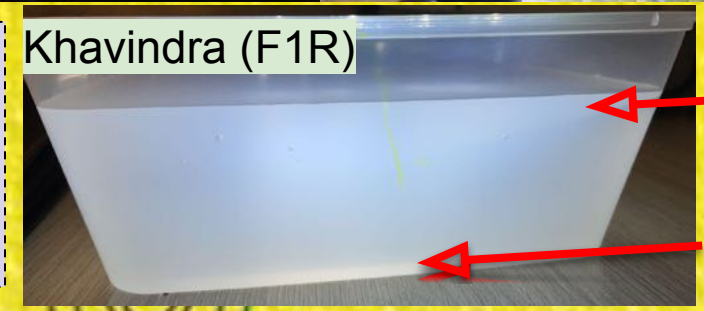


Kellie (F1R)

Tips:

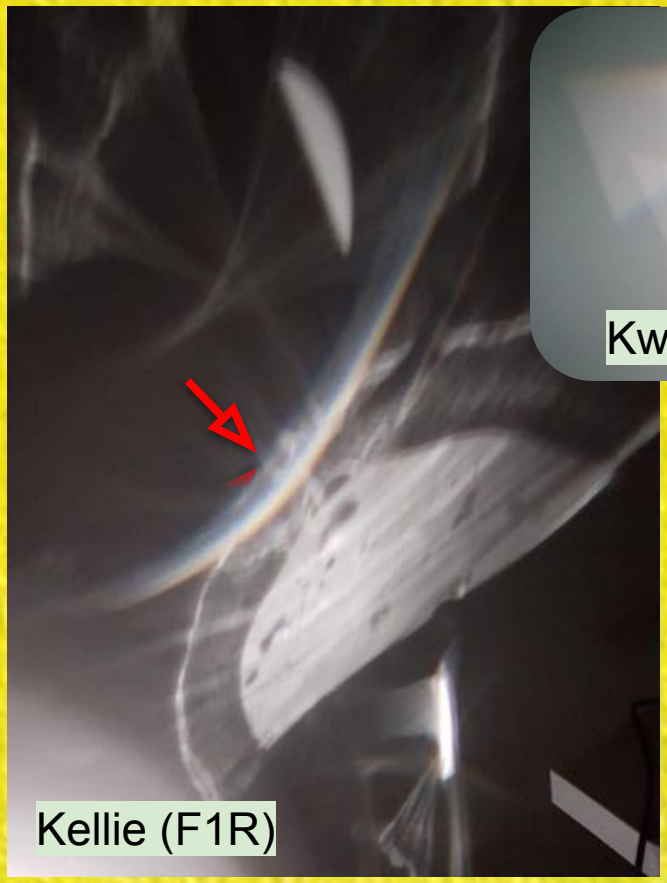
This can be simply done by shining the torchlight on a diluted milk solution.

Khavindra (F1R)



Experiments- How is a rainbow formed?
Raindrops act as a prism. The white light that enters the Sun refract and disperse into seven colour components, namely Red, Yellow, Orange, Green, Blue, Indigo and Violet.


Teoh Ker Xin (F1R)

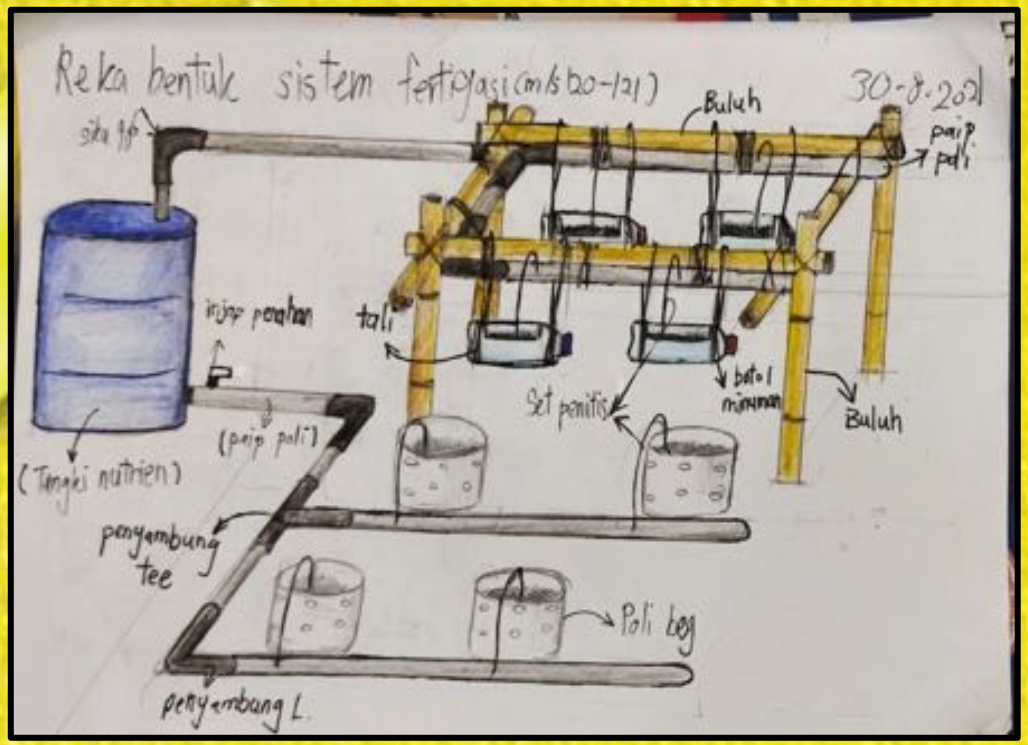

Kellie (F1R)


Kwan Zheng Xi (F1R)

Or you can shine the torchlight on the CD

Tips:
This can be simply done by shining the torchlight on a mirror that is placed in a water bath.

Reka Bentuk sistem fertigasi:
Murid-murid melakarkan sistem fertigasi yang baharu. Seterusnya, mereka menganalisis lakaran mereka dari segi elemen reka bentuk dan kriteria penilaian.



Ng Yoke Hui, Leng Vik Ki, Niou Wei Yan

Borang Analisis Elemen Reka Bentuk Sistem Fertigasi

Bil.	Elemen	Ada/Tiada	Huraian
1.	Garisan	√	Garisan tebal dan melengkung menunjuk lakaran komponen seperti tali dan set penitis.
2.	Rupa	√	Rupa digunakan untuk menunjuk gambaran komponen seperti tangki nutrien, dan polibeg dalam bentuk 2D.
3.	Bentuk	√	Komponen seperti polibeg dan tangki nutrien dilakar dalam bentuk 3D.
4.	Tekstur	√	Tangki nutrien kelihatan berkilat. Polibeg juga kelihatan halus dan berlobang.
5.	Saiz	√	Tangki nutrien bersaiz besar, manakala polibeg dan botol minuman bersaiz kecil.
6.	Warna	√	Teknik Rendering digunakan pada lakaran. Tangki nutrien berwarna biru.
7.	Ruang	√	Ruang yang nyata dapat dilihat pada lakaran, iaitu di antara tangki nutrien, botol minuman dan poli beg.

Penilaian lakaran reka bentuk sistem fertigasi

D) Kekuatan kualiti dan kebolehpasaran

- Lakaran dilengkapkan dengan maklumat yang penuh.

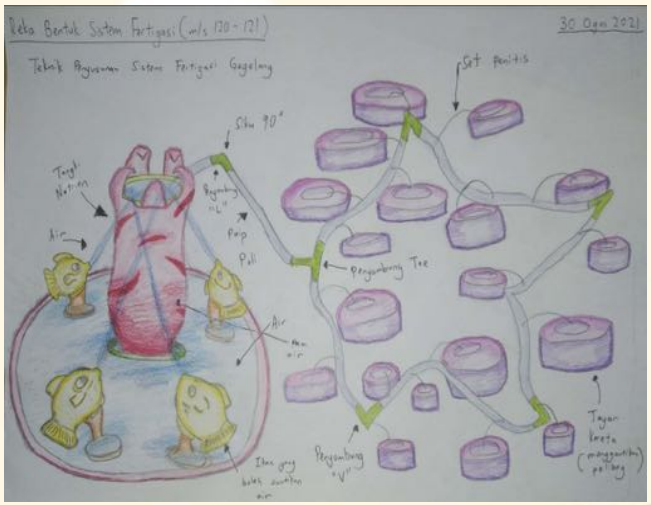
E) Ergonomik

- Lakaran mempunyai ciri ergonomik, iaitu komponen-komponen yang digunakan tahan lasak.
- Sistem ini boleh dibina di tempat lapang yang mempunyai matahari yang mencukupi.

Reka Bentuk sistem fertigasi:
Murid-murid melakarkan sistem fertigasi yang baharu. Seterusnya, mereka menganalisis lakaran mereka dari segi elemen reka bentuk dan kriteria penilaian.

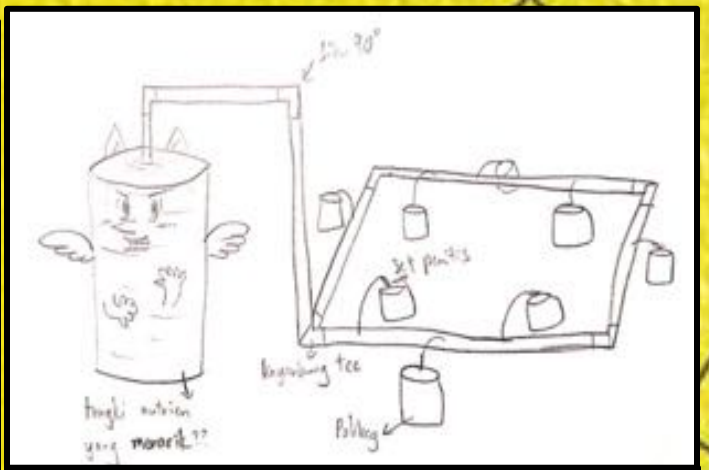
Yi Siang

Penilaian Reka Bentuk Sistem Fertigasi



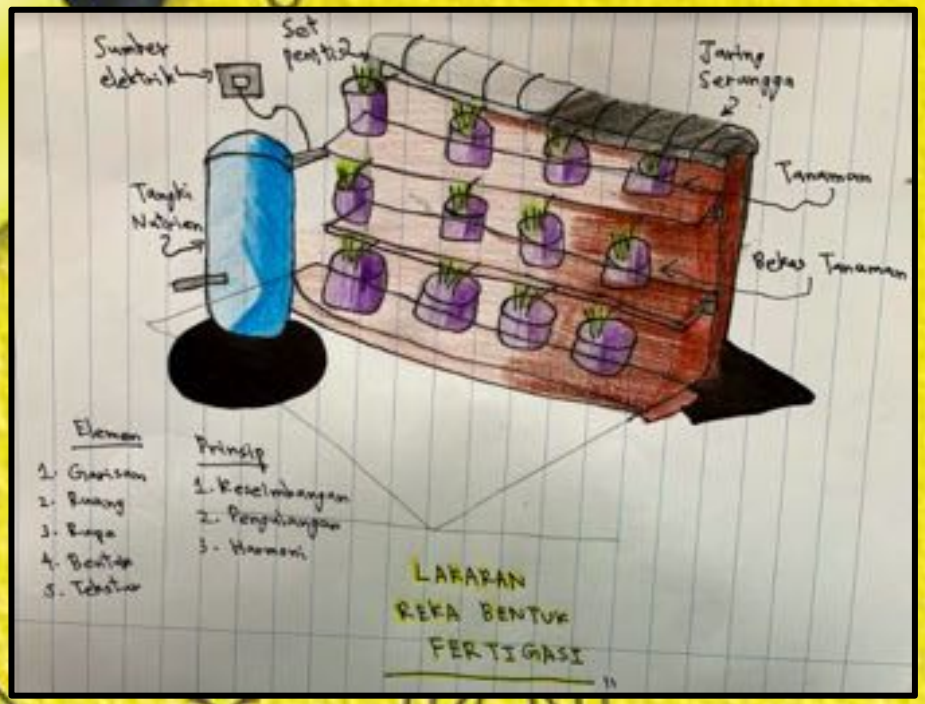
A) Kecenderungan inovasi, kreativiti dan keaslian reka bentuk

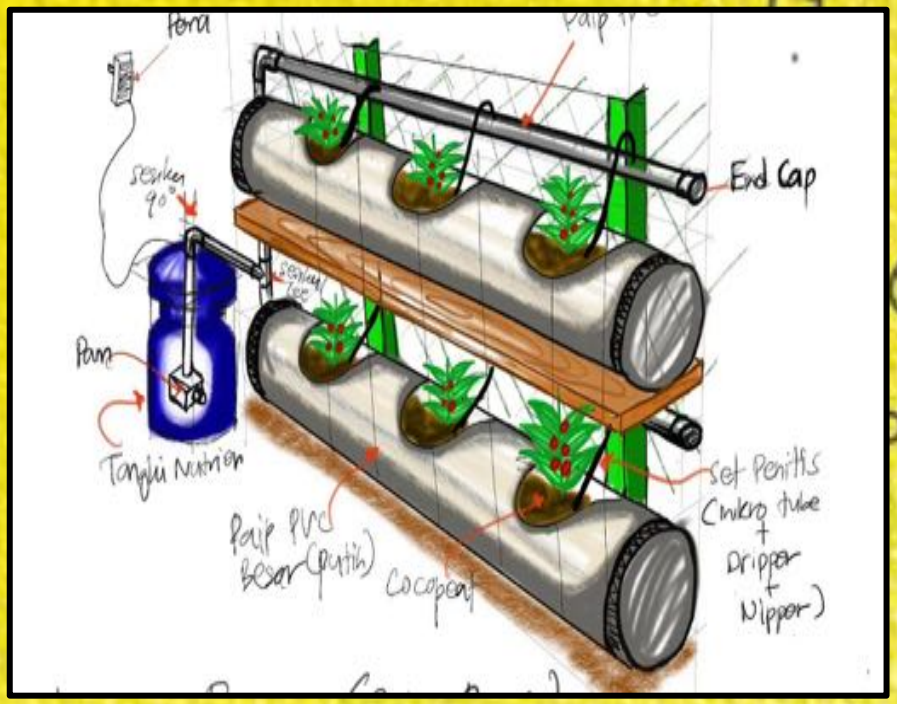
- Tangki Nutrien akan mengisikan larutan baja sendiri dengan suntikan ikan - ikan
- Melarutkan baja sendiri
- Dapat menjimatkan masa

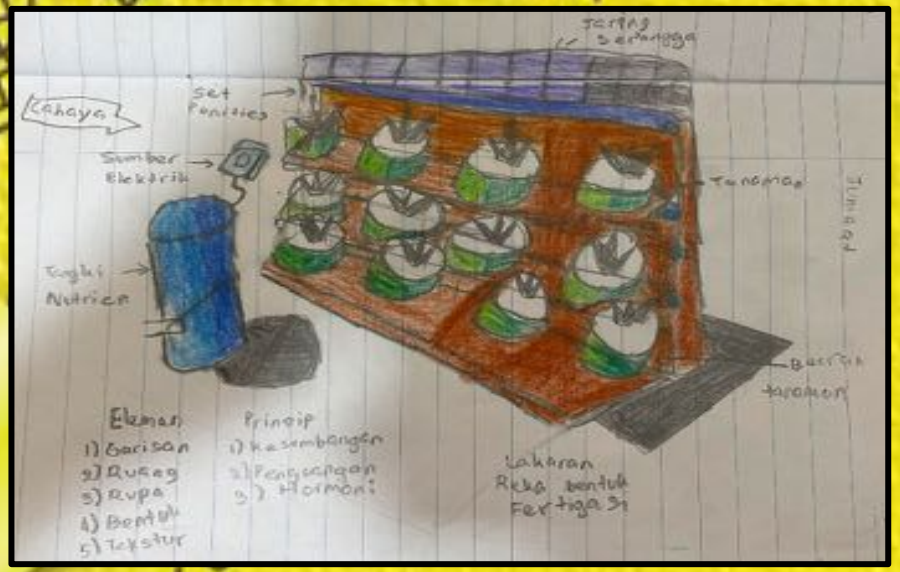


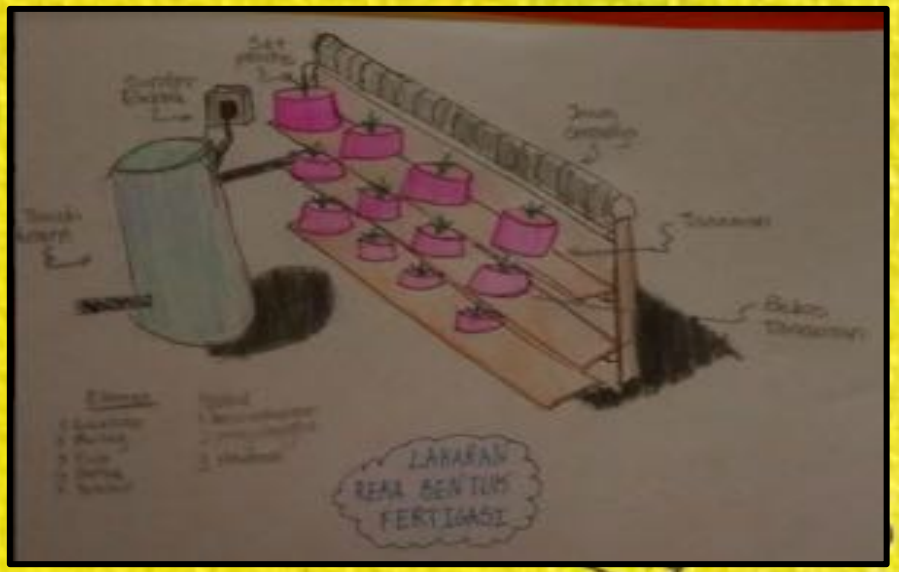
Foo Yi Siang, Kwan Zheng Xi, Sharvin

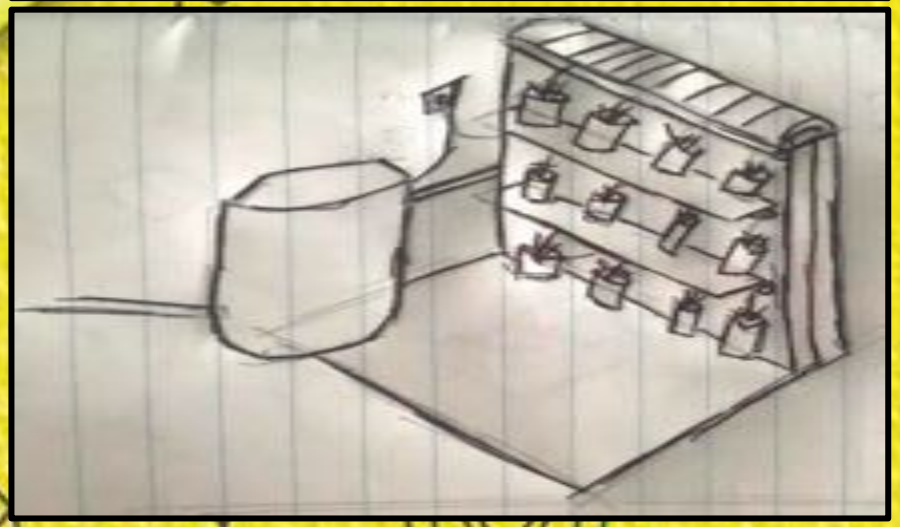
Lakaran reka bentuk sistem fertigasi boleh dihasilkan berdasarkan teknik penyusunan jejari dan gegelang. Lakaran reka bentuk sistem fertigasi boleh dihasilkan dalam bentuk lakaran 2D atau 3D. Lakaran 2D menunjukkan pandangan panjang dan lebar objek. Lakaran 3D menunjukkan pandangan panjang, lebar, dan tinggi objek.

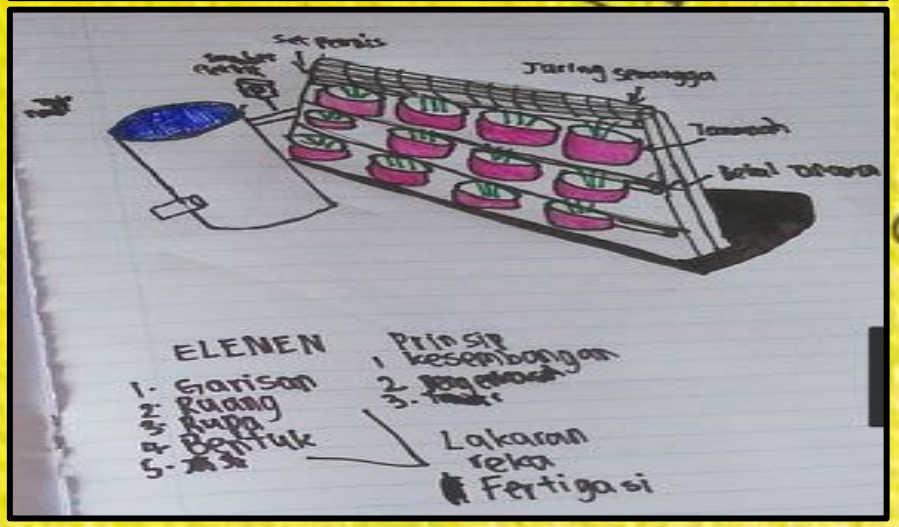





Jaring Segitiga
Cahaya
Set Paralon
Sumber Elektrik
Tanaman
Tangki Nutrien
Elemen
1) Garisan
2) Ruang
3) Rupa
4) Bentuk
5) Tekstur
Prinsip
1) Kesembangan
2) Penyatuan
3) Hormoni
Lakaran Reka bentuk Fertigasi

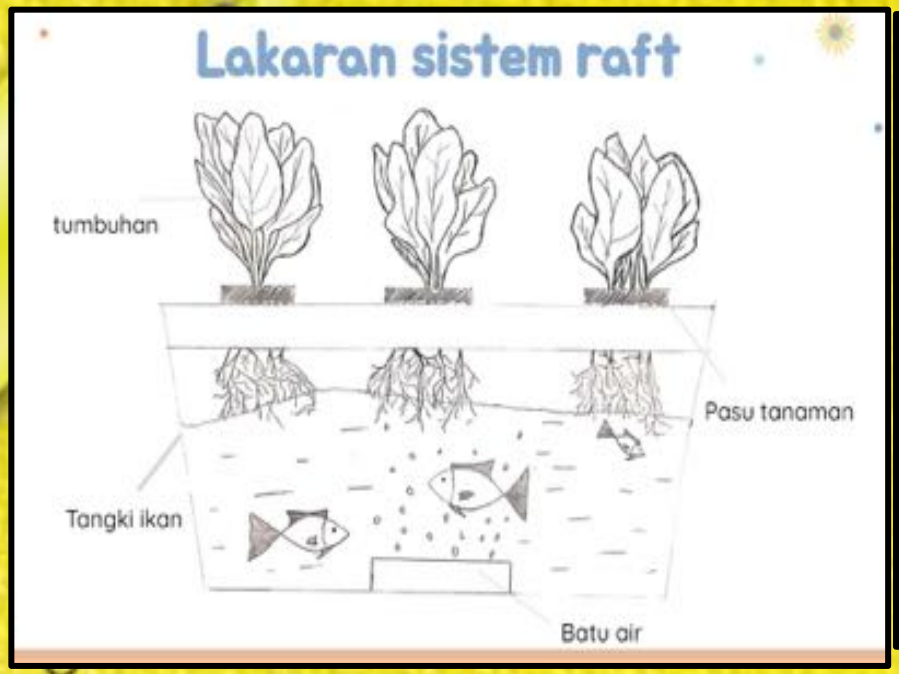

LAKARAN REKA BENTUK FERTIGASI



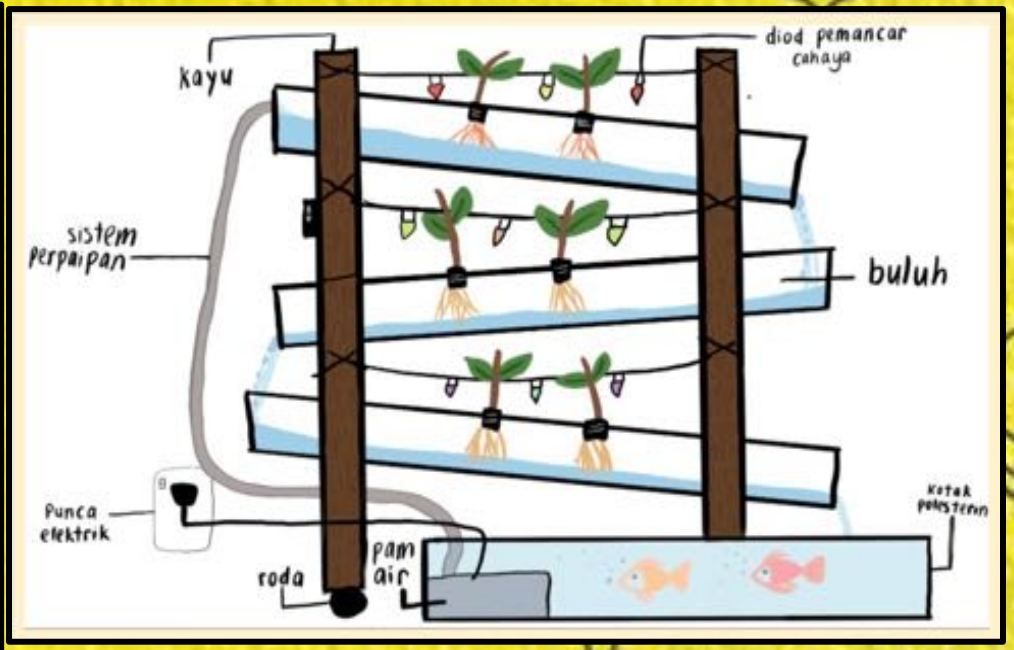

Set Paralis
Jaring segitiga
ELEMEN
1. Garisan
2. Ruang
3. Rupa
4. Bentuk
5.
Prinsip
1. kesembangan
2.
3.
Lakaran reka Fertigasi

RBT (F2R & F2W)

Reka Bentuk sistem akuaponik:
Murid-murid melakarkan sistem akuaponik yang baharu. Seterusnya, mereka menganalisis lakaran mereka dari segi elemen dan prinsip reka bentuk.



Ashley, Krishnan, Ayu, Ethan Sim (F2R)



Wong Jia Myn, Chan Thong Yu, Justin, Lim Chee Hong (F2W)

Band Performances

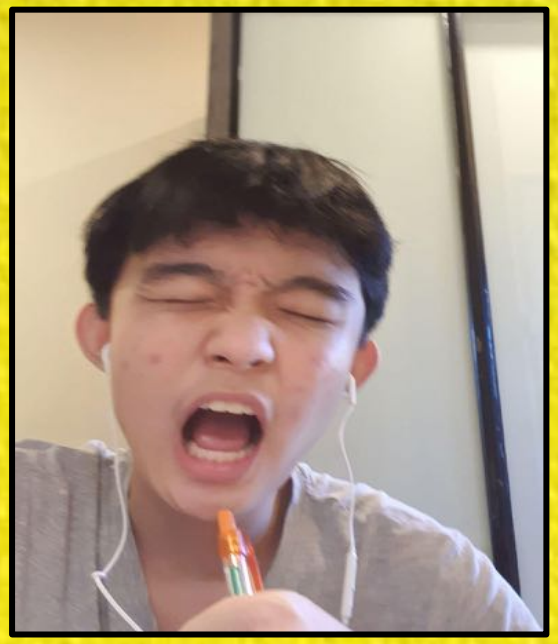
I'd rather regret doing something than not doing anything.

Instruments in a Four-piece Band

1. Vocalist
2. Guitarist
3. Bassist
4. Drummer

MUSIC (F1R)

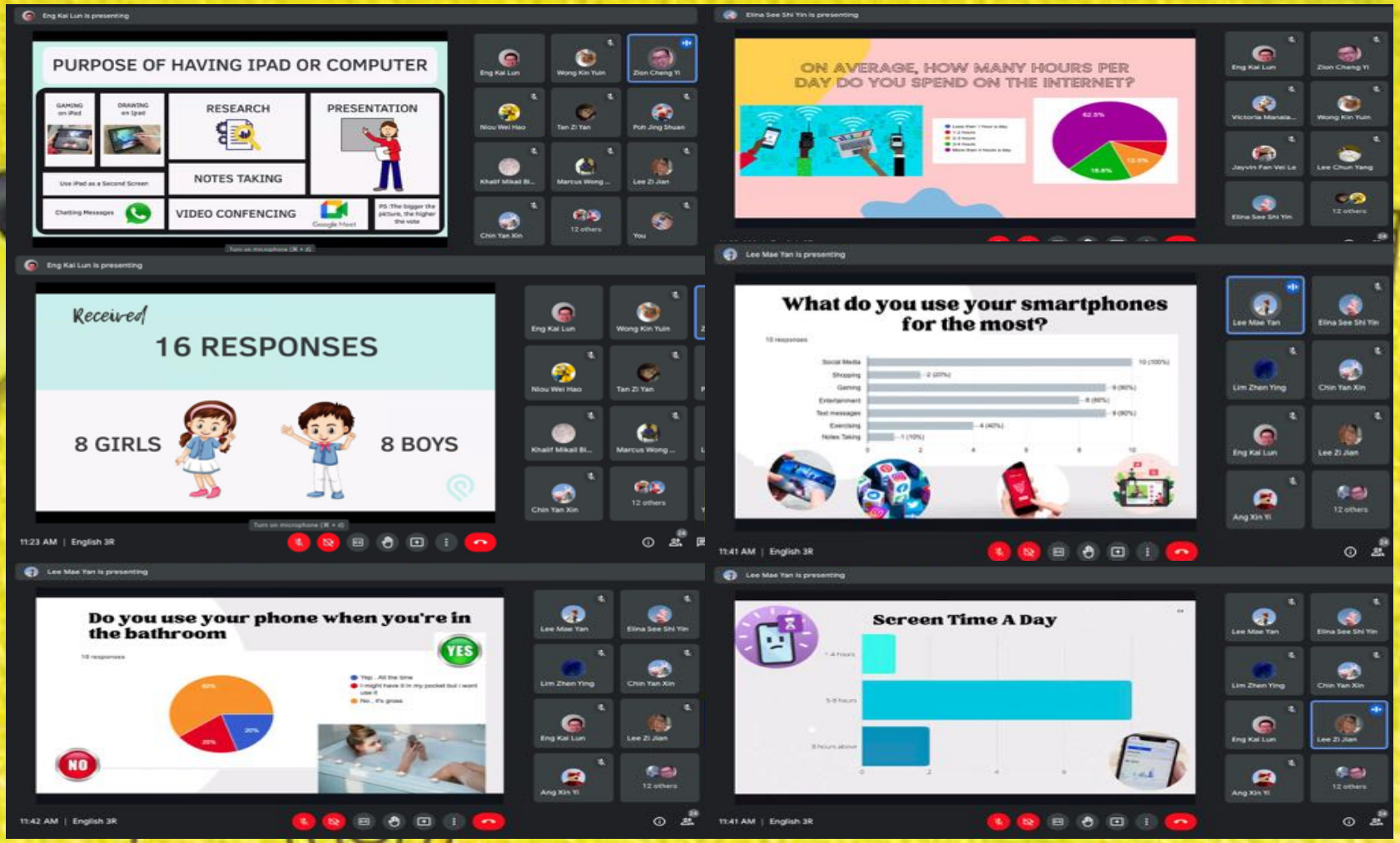
Musician from 1R



MUSIC (F1R)

Musician from 1R

STUDENTS CONDUCTED A SURVEY USING QUESTIONNAIRE



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ANNOUNCEMENT

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SMRP YEAR END EXAMINATION

FORM 1 - FORM 3

27th OCTOBER 2021 - 10th NOVEMBER 2021


THANK YOU