



District Level

Science

Carnival

Carbon
12.011

Date: 16th July 2019

Day; Tuesday

Time: 8.30a.m. – 4.30p.m.

Venue: Multi Purpose Hall

Guest of Honor:

Opening Ceremony: YB Young Syefura Othman,

State Assembly Woman of Ketari

Closing Ceremony: Dr. Hj Umar B Man, Vice Chairman of APHEM



Project Research



7 groups from 3 different schools participated

Winner:

- Most Promising Young Scientists: SM Sains Hulu Selangor (Economic-Ink)

Outstanding Award

- Best Report: SM Highlands (Oil-Water Filter Prototype Using Wax Coated Sponge)

-Best Presentation: SM Sains Hulu Selangor (Soy Waste Based Flour)

Special awards

- Application of Science Principles: SMK Seri Bentong (Eco-Soap)

-Relation to the Theme with Ethical Value: SM Sains Hulu Selangor (cofiblizer)



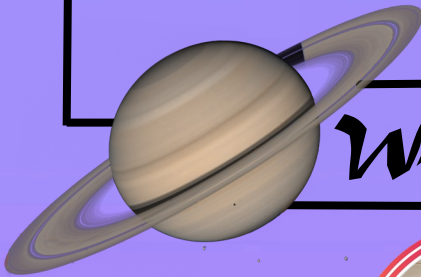
STEM Challenges

Flying Without Wings



To innovate a catapult that launches things at a great distance.

**Winner:
SM Highlands**



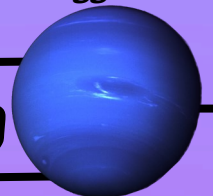
Who's The Furthest

Innovating car from recycled materials



Create a device that can keep an egg intact when dropped from a height

Drop The Egg

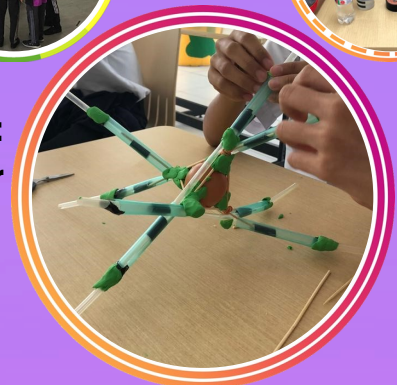


**Winner:
SMK Sulaiman**



Winner:

SM Sains Hulu Selangor





Feedbacks



First of all, we would like to thank you for inviting us to the science carnival of 2019. By joining this carnival, we gained new knowledge of science and learnt new things especially about STEM. From the activities in STEM and invention competition, we get new ideas and creativity to our knowledge in science. The science carnival was an important programme to expose the students about the STEM learning. Furthermore, we able to expand our network by meeting new friends and shared our knowledge and opinions. We would like to join this carnival in future too. Special thanks to the Science Department of Sekolah Menengah Highlands. See you in future.

SEKOLAH MENENGAH SAINS HULU SELANGOR

Congratulations to the organizing committee of district level Science Carnival 2019, a very friendly secretariat. The STEM competitions can enhance the talent of students in designing. Furthermore, students also able to showcase their talent in innovation. We would like to take part in research project category in future which we missed this year.



SEKOLAH MENENGAH KEBANGSAAN SULAIMAN



The District level Science Carnival 2019 in Sekolah Menengah Highlands inculcates an interest towards Science. Students were exposed to the ways to do a research through innovation competitions. Presentation of projects trained the students to communicate in English. STEM course competition was very fun and the students were enjoyed to innovate devices using materials provided for the problems given. We were mesmerized with the talent of Science Carnival crews whom can move without monitored by their teachers. Kudos for the Science Department teachers and to the crews.

SEKOLAH MENENGAH KEBANGSAAN SERI BENTONG

Science Carnival 2019 was very fun and exciting. we not only learnt knowledge of science, but also possibilities of it. As for us, we were under the supervision of Mr Saiful. We wanted to emphasize the antibacterial properties of ginger. We were amazed by other groups' ideas too. We never thought soy bean could help with decomposition. Sadly, we did not win the science competition. However, we were satisfied with ideas that we learnt a lot from the other teams, and by the way, the most teams competing with us were from outside the school. Personally, we learned the methods to make a proper science report, more like a thesis. If given a chance, we would certainly do this again but this will be our last year in this school as students.

Explore . Enrich . Excel



-Helenika & Hiro Kashiama

Explore . Enrich . Excel



We were shocked when see the crowd from various schools during Science Carnival 2019. Our Science teacher requested us to take part in STEM Challenge. There were 3 different challenges and we took part in 'Flying without Wings' challenge. Some bamboo skewers, pop sickles, glue, a marble, a bottle cap, plasticine and rubber bands were provided along with a problem to be solved. We were confused and didn't have an idea on what to do. Reading the problem repeatedly gave us a solution. Yes! A device that can launch things at a great distance need to be created and it is actually a catapult. The device was tested using the marble given to us. Our catapult threw the marble very far and we were the champion in this challenge. We were very happy. Thank you to Ms. Hafiza to encourage us to take part in this competition. It was fun. WE DID IT!

- Lau Saw Jue, Loo Hao Onn & Liew Yong Sheng

Two years back, when Science Carnival was introduced to us, we were very excited to do simple experiments to show to the judges. We did experiments using eggs. So, this year also we were eagerly waiting to conduct the experiments in Science Carnival 2019. Sadly, the experiments were replaced with STEM Challenge. We were lack of confident to take part because we had competitor from other schools but our teacher encouraged us very much. This year the egg was still with us. We need to create a device that hold the egg from intact when dropped from a height. It was known as 'Drop the Egg' challenge. We were provided some bamboo skewers, rubber bands, plasticine and an egg. We tried our best to create the device. Unfortunately, it failed. But, we had learnt something new related with STEM. It was a great opportunity for us to meet some new friends to exchange the knowledge. Thank you!!!

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- Chan Kai Qing, Wong Jun Cheng & Yong Hon Chin