LYNDHURST SECONDARY COLLEGE

SEPTEMBER 18 2020 • VOL I ISS 15

CONNECTED

KEEP LEARNING AND STAY CONNECTED

MAKING THE MOST OF REMOTE LEARNING 2.0

KEEP LEARNING AND STAY CONNECTED!

Welcome to the last issue of Connected in Term 3.

We made it! This week students and staff completed 9 weeks of remote and flexible learning which is an incredible achievement for everyone.

The work and enthusiasm that has continued throughout this term has been amazing.

There's been lots happening this week including competitions, SWPBS winners, Superhero activities and the Fitness Challenge which comes to an end.

Thank you to everyone who has sent in photos, work and feedback.
We are all excited about a break but look forward to Term 4 with optimism and hope to see all students back in classes soon.

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SWPBS

As the School Wide Positive Behaviour Support (SWPBS) awards come to an end this term, we thank all staff for supporting students behaving positively. Even though we were learning remotely this term, students still earned acknowledgement points for their behaviour. This included; completing their online attendance each day, submitting work on time and to a high standard, keeping in contact with their teachers, attending Webex sessions and helping out others. Well done to all students and to those winners who received prizes over the last 9 weeks. Even if you wasn't fortunate enough to win a prize, you should still be proud of your efforts. Your hard work hasn't gone unnoticed.

CONGRATULATIONS TO THIS WEEK'S WINNERS.

BETHANY D.
YEAR 11

More Winners

Year 7- Kiara K.
Year 9- Kate P.
Year 10- Harry S.
Year 12-Tina T.

ALI Q.
YEAR 8

CONGRATULATIONS

Thank you to students who sent in photos for WIP Day 2020. The Wellbeing team have chosen winners and we'd like to congratulate Tia R. and Zoe B. who will each receive a gift for their entry.

For the last week of term, Year 9 and 10 students competed in a range of daily tasks. These tasks included; indoor and outdoor scavenger hunts, cooking competition and a superhero challenge.
It was good to see so many students getting involved in these activities. What a great end to the term!
Congratulations to the following students who won prizes for their hard work:

Jackson V.

Halima A.

Lyana S.

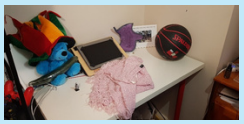
Kate P.

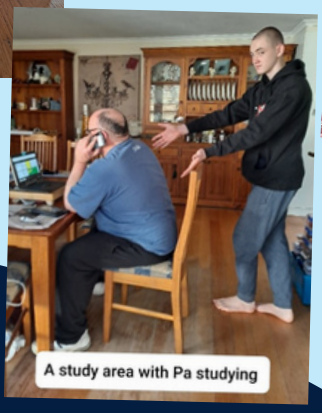
Matt L.

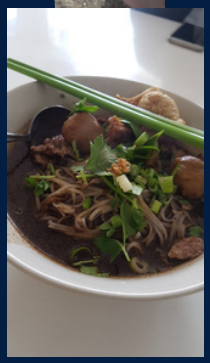
Royce A.

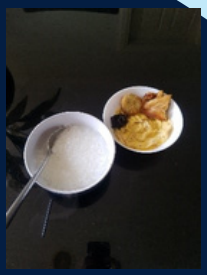
Sowndharyaa M.

Hayden B



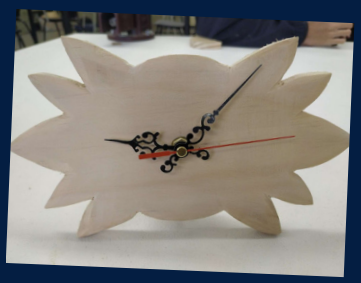






What's Working

Systems Engineering



Design Brief:

I need to build an innovative motorised toy vehicle for Kmart, that children can play with and drives on its own.

Constraints:

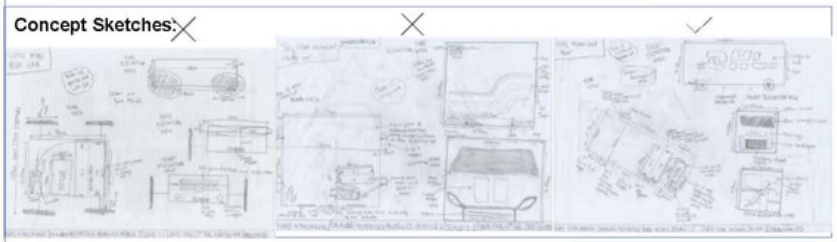
- **Purposed for children aged 6 and up**
- **Must have a motorised propeller**
- **Should be child-friendly**
- **Have an easy access, simple switch to turn vehicle on and off**
- **Needs to be innovative**

Considerations:

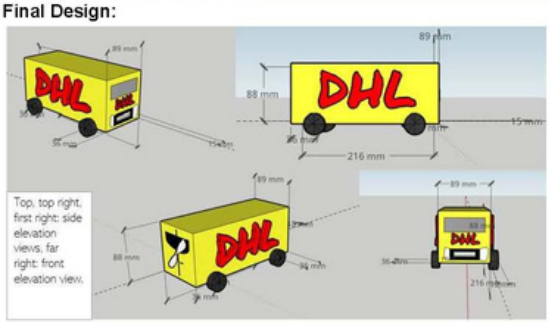
- **The propeller shouldn't be built in too low, or else it won't move the vehicle and successfully rotate.**
- **If it needs some sort of charge, use batteries instead of plug-in charger (kids don't have that kind of patience).**
- **The speed the fan produces shouldn't be too fast, or else when the child wishes to stop playing with the car, it won't be able to catch it and turn it off!**
- **Make the button not too big, so it distracts kid from the rest of the car, but big enough for fingers to flip a button.**

Hannah M 8A's Design of a Motorised Toy Vehicle

Concept Sketches:



Final Design:



Materials:

- 2x 120mm long axels
- 2x 100 mm long plastic axel covers
- 1x 75 mm x 15 mm propeller
- 1x 40 mm x 20 mm x 15 mm motor
- 1x 24 mm x 15 mm switch
- 4x 35 mm diameter wheels
- 1x 60 m x 34 mm battery pack
- 1x Weet-Bix cereal cardboard box
- Black, yellow, red, grey, white paint
- 3x Printed DHL paper logo

Justification:

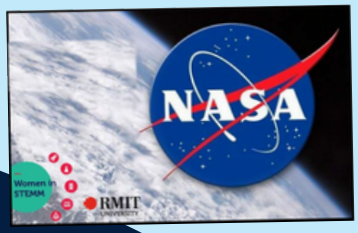
I chose 'Motorised Propelled Vehicle 1' or the DHL Motorised Van, because building it is within my budget, it's innovative and creative, it meets all the product requirements (as well as the requirements relating to the equipment to be used), it's child safe and this

Best Features:

The best features of this design is that it's nice and big, making it fun for younger children. It's based on real life, children love playing with these type of toys. Even though it's big, it's lightweight, so the propeller can easily make the vehicle go fast. All the mechanical items are safely hidden from children inside the box. To access this part, you open the top lid simply. If it is dropped, it won't break. When stepped on, it will squash, though not harm the child's foot.

What is it like to work at NASA? What steps can you take to reach great heights?
On Tuesday in the last week of Term 3, a group of girls who are currently studying STEM subjects at Lyndhurst attended a really interesting interactive event online run by RMIT called Women at NASA: Leadership and Success in STEM.

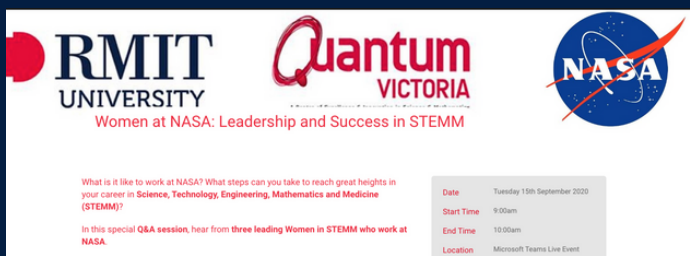
Three women currently employed with NASA spoke about their personal experience and gave really interesting insights into the work they do and what they had wished they'd known when they were a student. Students who attended flooded the women with really thoughtful questions.
Each of the women worked in different roles including managing payload on the International Space Station and measuring the Earth's air quality. One of the women had been working at NASA for 30 years and was inspired by the lunar landing which she remembered seeing on television when she was a little girl.
As one of our Lyndhurst students said to me about these women: 'Their stories were truly inspiring'. She was most interested to hear about how they became successful. One spoke about having to overcome challenges she had with learning Maths and she suggested if students were unsure they should continue to persevere and to speak to other people who could help them. All of them mentioned the importance of growing a network around you of people who can support you along the way to achieve your goals.



Another message given was how important they thought it was to continue to follow their passions, even saying this helped them to stay focused when challenges came their way. One of the women said that when she was at school, she wasn't really sure what she wanted to do in science but she knew she wanted to continue to learn about it. She didn't make up her mind until after she went to university and explored in more depth what the field of science had to offer.
Some of the women suggested completing an internship with NASA while at university. If you think that may be something you are interested in doing, you need to be working towards completing a degree in science, technology, engineering or mathematics in a topic that is relevant to NASA's mission priorities. You will also have to maintain an active interest in the U.S. space program and maintain a high academic standing both at school and then at university.

You can also investigate the Australian Space Agency which was set up only recently in 2018. Their work includes aims to provide better weather forecasting, manage emergencies such as bushfires, improve internet access and assist farmers to grow better crops. By the time students currently at Lyndhurst would be seeking to gain employment, the Agency will be looking to grow the number of employees from approximately 10,000 currently to 30,000. Working with a space agency is not only about space travel. There are a huge range of occupations that are related to the industry.

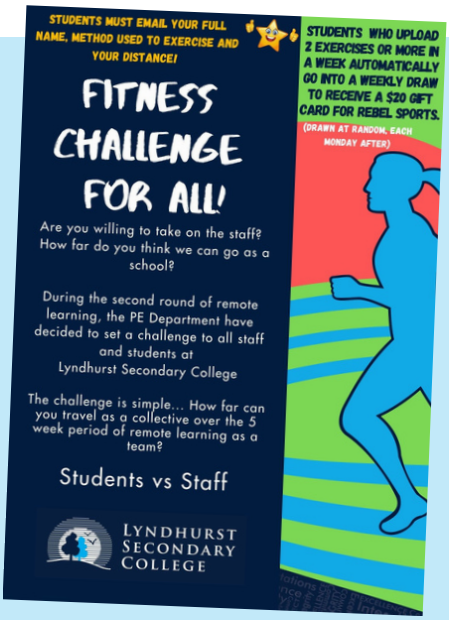
Ms Fenech
Careers and Pathways Team



FITNESS CHALLENGE

Thank you to everyone who participated in the Fitness Challenge over the past 9 weeks.
There have been some massive distances submitted and prizes awarded each week.

Over the break, Mr Potter will be calculating distances and organising individual prizes which will be announced early in Term 4.
Well done! Keep Active and Stay Safe.



Don't forget, if you have any photos you want to share and we can publish them in the 2020 Year Book, this is your last chance to email them in.

We would love to receive photos from Wear it Purple Day, R U OK Day, Fitness Challenge, Wellbeing Wednesday and any Remote Learning.

email: lyndhurst.challenge@gmail.com

and remember to include your name and activity in the subject line

SEE YOU IN TERM 4