

## PRINCIPAL'S COMMENT

Dear Parents/Caregivers,

Welcome back to the final term for the year.

### Touch Rugby

Touch Rugby on Friday evening is such a great event for our children. The school have over 100 children playing across all grades. It's just so good to see everyone playing with a smile and have such a good time. Once again we have great support from our families.

### EPR08 Challenge

This week we have had 5 teams compete in the Semi-Finals of the EPro8 Challenge in Palmerston North. The two year 7/8 teams were unlucky to make the final as they were in a 3 way tie-breaker for the 6th place. We had three year 5/6 teams compete yesterday, congratulations to the South Sensors (4th equal) and the South Sparks (6th) who have both made it through to the final next Tuesday. They will compete with 16 other teams from the Manawatu/Wanganui region. Good Luck to both these teams.



### School Fun Run

The School Fun Run is all about Fun! Students, teachers and whanau can come together on 20 November. Everyone can get involved in this fun event to help raise much needed money for additional resources to support and encourage our children's learning.



Congratulations to George for being the most improved for hockey in the development team. Olivia most consistent player



### Supporting the Victim

Children have been learning about the power of standing with or by the victim of a bullying event.

Asking if the victim wants to come and play with them was an easy strategy for the children to trial.



## CALENDAR

DATE	EVENT
<b>NOVEMBER</b>	
Thurs 5th	Wardens and patrols treat Wai Splash
Friday 6th	Last day for Book Club orders
Thurs 12th	<b>DSS athletics</b>
Mon 16th	Te Kakano swimming
Wedn 18th	Te Kakano swimming
Friday 20th	Te Kakano swimming
	<b>COLOUR FUN RUN—Sausage Sizzle</b>
Mon 23rd	Te Kakano swimming
Wedn 25th	Te Kakano swimming
	<b>Inter School Athletics</b>
Friday 27th	Te Kakano swimming
Monday 30th	Te Kakano swimming
	Forbes and Tippetts relay
<b>DECEMBER</b>	
Tuesday 1st	Year 8 visit to DHS
	Forbes and Tippetts pp date
Wedn 2nd	Te Kakano swimming—Te Puawai Social
Thurs 3rd	Room 6/7 to Puhaka Mt Bruce
Friday 4th	Rooms 10/11 to Puhaka Mt Bruce
	Te Kakano swimming—Yr1-6 Disco
Monday 7th	Year 8 dinner
Friday 11th	School Reports go home
Monday 14th	2021 class lists go home
	<b>PRIZEGIVING in town hall</b>
Tuesday 15th	School closes for 2020 at noon
<b>2021</b>	
Wedn 3rd Jan	2021 Term 1 starts

### EPR08—by Mya McCutcheon

During the last 3 to 4 weeks of Term 3, my team and the other teams that were chosen did Epro8. Epro8 is a design challenge using various things such as gears, wheels, 700, 400 and 200mms of aluminium, axels, blue and red joiners, rope, pulleys, screws, wingnuts and a screwdriver.

The challenge was to make a robotic creature with a moving feature to be included in the town's new zoo. My team built a robotic kiwi and the moving feature was its head moving up and down to tap the ground.

My favourite thing about Epro8 was making the video. It was pretty funny but the difficulties were getting it to balance, writing the script for the video and figuring out what to do with the pulley. My team was called the South Sensors and the people in it were Briar, Brayden, Keira and myself. Our year 7 and 8 team won first place and my team and another South School team named the South Weirdos came second equal. Now all our South School teams are going to the semi-finals in Palmerston North. Epro8 was an awesome experience and a great challenge to get my brain going.

## ROBOTICS

By Deegan and Kade—Room 11

Kade and I do robotics every Thursday after lunch. We are going to tell you all about it.

### Sensor.

There are different types of sensors like a colour sensor, motion sensor and touch sensor. They are all used for stopping the robot and going backwards.

The colour sensor can sense a coloured piece of paper on the ground. You set it to what colour you need. For example, put it on red and get a piece of red paper and put it on the ground and when it senses the piece of paper it will stop.

### Wheels and tracks

You can pick if you want wheels or tracks. You can use tracks for going over hills and big bumps. The wheels are more for going on smooth surfaces.

### Claws and crane

Claws can be used for picking up drink bottles and other items. Me and Deegan went to room 14 to see George and other people making a crane and it picks up little lego bits.

### Motors

There are 2 different motors; they are medium and big and they are used for making the robots move. The big motors are used for making the wheels go round and round. The medium motors are for shooting 2 balls and for making the claws move.

### Remote control

The remote control can be used for controlling the robot. You can use the remote control or you can program the robot on a computer. You have 4 switches in the middle of the remote control. This is what they mean. For example 1 is to make the robot move, 2 is for the claw to make it grab something like a drink bottle, 3 could be for a sensor and 4 is for the little gun. There are 2 little balls for the little gun.

### The programming

For the programming you can use a chromebook. You have blocks to make the robot move and many other jobs. There is a block for sensors. One is to make the robot move. One to make sounds.

### Choices

You can choose to make different models of robots like ones that can stand and ones that can look like cars and drive.

### Lego

The robots are called mindstorms. The robots are made out of lego. It's a difficult kind of lego. I think you guys will like it because we had so much fun doing robotics. I hope you enjoyed our story.

## REMINDERS

- Last day for book club orders—Friday 6th Nov
- Sunhats are available from the school office for \$12
- Te Kakano starts swimming on Monday 16th
- Permission slips and tog/towels for Wardens and Patrols treat tomorrow

### SENIOR CAMP TO EL RANCHO

On Monday October 19th Dannevirke South School's seniors went on a camp to El Rancho in Waikanae and visited



Wellington for the day. At El Rancho there were lots of activities we did, such as Tubing, Horse riding, Raft building, Archery, Water slide, Escape room, Go karting, and we also walked to Waikanae Beach. My favourite activity was tubing and going fast

down the river, picking up speed in the rapids and laughing with your friends about how everyone was freezing and having fun.

On Wednesday October 21st we took a bus ride down to Wellington, to first arrive at Capital E. We made a breakfast news show called Wake Up NZ. I was a news reporter sitting at the main desk reporting the news with Shayla.



After Capital E we made our way down the waterfront to Te Papa. I liked the Gallipoli War Statues at Te Papa. After Te Papa we moved on to the Wellington Zoo. My favourite animal I saw was the spider monkeys. Deakan and I were making monkey noises and they all came over. We all had a great time on camp and I want to say a big thanks to all the parent helpers and teachers for giving up their time to come on camp.

Nate Mallard



### SOUTH SCHOOL DENTAL CLINIC

Please ring [3747361](tel:3747361) or [0800 825583](tel:0800825583) for an appointment.