



At the last P & C meeting the committee decided to hold a "Free Dress Day" in conjunction with Drought Angels which is an organization Supporting our Aussie Farmers. All families were asked to donate some items for this cause. (Drought Angels provide a unique service which has become well known throughout the rural sector. It all began in

January 2014 when two ladies who worked together in Chinchilla heard stories of struggling farmers that could not put food on their own tables. They have a warehouse in Chinchilla from where they distribute all the goods.)

Central State School as you can see collected a huge amount of groceries to send to this organization. Mr Batt, State Member for Bundaberg came to our school, contributed his own groceries and said this was a wonderful thing to do for the farmers and we were a "small school with a big heart".



Mr Batt wrote a story for the Newsmail, which featured this as well. What is amazing is people are bringing items to add to our collection as they have read this article in the paper and have also seen it on Facebook. If you still would like to give a donation, just bring it into the office. Thank you every one for your contributions including Heather Smith and Ray & June

McCullough. The farmers will certainly appreciate it.

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On Wednesday 15th August students from year 4-5-6 walked to Bundaberg High School to view and interact with students at a Science Fair. There was some amazing things to see, like tricks with dry ice. The dry ice was in a container and when water was poured over it, it turned into steam which is a gas and it rose into a thick cloud. The "Don't Flinch



Ball" was a ball on a wire rope which was suspended from a winch, which swung back and forth. (Like a wrecking ball.) It was 10kg. The idea was to stand and let the ball swing towards you, and you try not to flinch, so if you don't flinch you get a lollipop. Tristan MW was able to stand before this and did not flinch 3 times!!! The Rube Goldberg Machine which simulates a car engine. You let a ball drop into the machine and it makes it's way down to hit the start button and then it should start up the car. We had a fun time.



**Science Fair**



# Locked Box Challenge



The Locked Box Challenge was a chance for the year 5-6 students to use their skills of following instructions, working together and taking turns to crack the codes to unlock the box.

We all thought it was going to be easy but there was a catch!!!!

The box had 2 locks on it!! The first challenge was to answer questions relating to the solar system to find the missing letters which then made up the password to open the first lock. Another set of questions, once answered opened the other lock. Easy! But no. We opened it — another box was inside with



another lock! A new set of questions and the students worked hard to get the correct code. Wallah! We opened it, but guess what! Another box inside with another lock! The next group of questions needed a multi choice answer. All students participated as time was marching on..... They did it, they opened the lock in anticipation and inside was a note **"Congratulations! You have successfully completed your first "Breakout Box Challenge. You have won a Mars Bar, which you will need for your next..... Experiment!!! (Don't open your Mars Bars yet).**

Top—Crust, Middle-Liquid, Bottom layer—Mantle

We used the Mars Bars to represent the different layers of the Earth. We then simulated an earthquake by applying force to the Mars Bars and seeing what happened to each layer of the Earth. We investigated convergent, divergent and slip-strike faults and discovered that some Earthquakes are responsible for forming mountains, as well as lots of destruction. A messy, yummy way to learn about natural disasters!

