

STEM LAB NEWS

Term 1 6th edition

STEM Cup teams can now nominate!

Registrations are open for teams to nominate for this competition and close on Friday 24th March.

Registrations will once again be via the Griffith

Website <https://scienceonthego.griffith.edu.au/experiences/stem-cup>

NB: You can choose to pay online or bring payment to the first week of challenges. If doing online please add the team name and members and do the payment. Tui Adams (STEM Cup co-ordinator) will collate team payments etc.

Please also email your team names to Mrs Hayes mhaye17@eq.edu.au



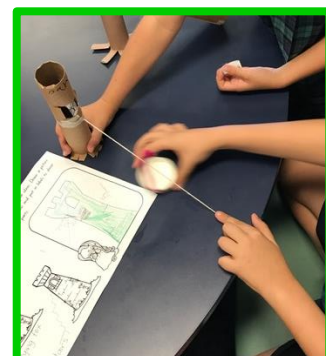
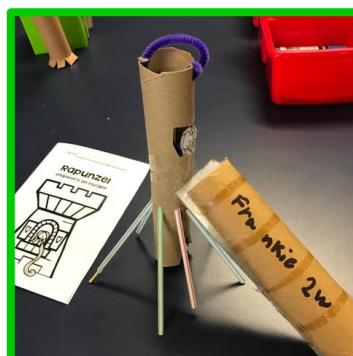
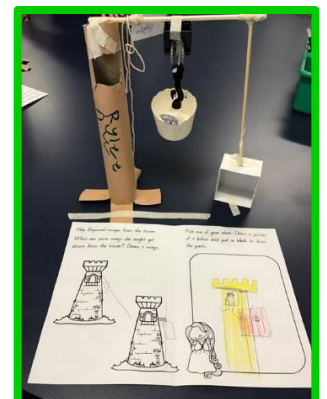
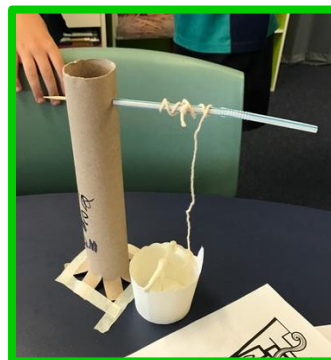
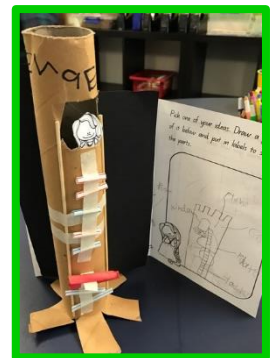
Transport arrangements will be considered in Week 1 in readiness for the kick off of the competition at **Robina High School on Wednesday 27th April at 3:30pm.**

This week in the STEM lab...

Year 2 worked on their rescue devices for Rapunzel!

The problem? To save her from the tower by making a plan to get her down from those "lofty" heights without jumping, using her own hair or injuring Rapunzel in any way.

Here you can see some of the fantastic models they created. Slides, elevators and even a few zip lines.



Year 4- following their research into which materials have the best buoyancy, the Year 4 students proceeded to build and test their floatation devices for an action figure.



They experienced the importance of the testing and rebuilding stage as stability and weight had a huge effect on their designs.



Here are **4Y students** after creating with the Lego WeDo 2.0 sets to make then program windmills. They worked in pairs to write a line of code to have their windmills start, change directions and run for a set time and speed.

