

STEM LAB NEWS

Term 1 5th edition

Year 5 science from Mrs Hamilton

Year 5 has been learning about Animal Adaptations. The students conducted an investigation on how structural adaptations, like camouflage, help animals survive in their habitats.

Students made predictions, then tested their hypothesis in our local environments and had lots of fun doing it!

Next, they will be exploring ways to display our data.

Donations for Mrs Hamilton in Year 5 please!

Year 5 will be investigating how structural features help animals stay warm or cool in extreme environments.

Students will be designing 'animals' using aluminium cans.



Donations Required

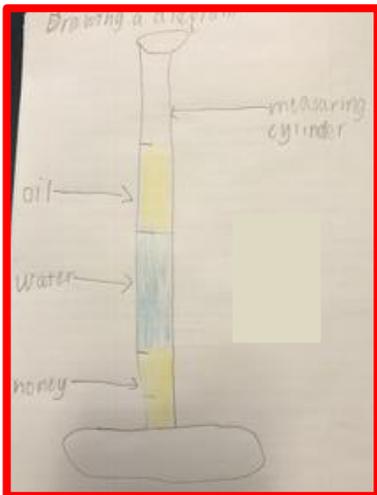
Year 5 requires **CANS** for an investigation to design animals! Mrs Hamilton 5H



This week in the STEM lab....

Year 6- The final challenge for STEM Island saw the students using their design ideas and teamwork skills to create a container that would stay afloat for an extended time while keeping an S.O.S message dry all the while.

Yes! It worked!
The message is dry.



Year 2- have completed an investigation about the density of mixtures and practised drawing and labelling a diagrams to show their observations.

Year 4- have tested a range of materials for their buoyancy and drawn labelled designs in readiness for their floatation challenge to create a floatation device for an action figure. Ideas were generated using a mind map strategy to organise their knowledge and gain an understanding of what will be required in this challenge.



Teacher's Lego Workshop

On Wednesday this week, five staff members from our school had the opportunity to join a number of visiting teachers from surrounding schools to learn more about Robotics using the Lego WeDo 2.0 kits. Joanna Burk from Modern Teaching Aides ran the workshop and shared her extensive knowledge of all things Lego. Our goal is to integrate Robotics into student learning across a range of learning areas at Mudgeeraba Creek!

Miss Barany, Mrs Stevens, Ms Katie and Mr Deeth working on their motorised windmills which they built then coded.

Below: Miss Barany setting up her pulling machine in the final challenge.

