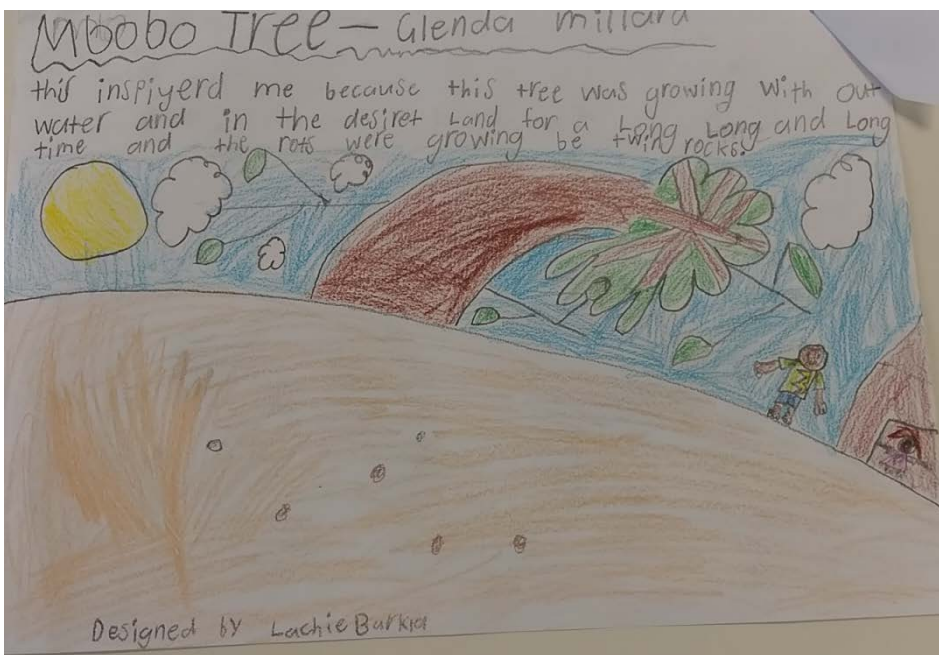


2018 Runners Up

Reception - Year 2





STEM Reading and Design Challenge

Name: Sophie Reception Sophie Plattch Room 5

Mr Archimedes' Bath

By Pamela Allen

Draw what Mr Archimedes' Bath looks like after a blarf hopped in.

The drawing shows two yellow, spotted creatures with long necks and small heads, standing in a blue, wavy pool of water. The creatures have small red spots on their bodies and are looking towards the viewer.

Years 3 to 5

EXTENDABLE ROD

DESCRIPTION:
This invention will change the way young fishermen fish. Noneed for your tackle box or esky! All of them are 1! This invention can extend into a fishing rod and extend a fishing line. With extra care and super technology this invention can save lives. It can also save money as well.

This is what it will look like when you purchase it.

To refill the boat just put in some more! This will not go off because in draw it is like a mini-robot. To recharge it, just plug the plug into a powerpoint. It will last for 10 hours!

I didn't add a fan or wings because fishermen won't enjoy it. Fishing with your hands are the most enjoyable way to fish.

THE FILTER

The Filter is a water filter that powers electricity by turning buckets with water like a windmill. The buckets power the fan and store electricity in giant boxes used for showing the red pebbles that grab the dirt as water flows by. The box also show how much electricity it has and it works as communication.

The curved walls are for catching water to make it go faster and push the buckets faster to power more electrical devices and to filter water quicker. It also works as a small dam so water doesn't touch the filter. The filter is made out metal and wood.

Surfing Simulator

Diagram:

Idea Origin:
There was a part of the story where someone was surfing in some places. This was the reason for this invention.

Description:
This invention is a device that will help people who are scared of water and people who are trying to surf in a place where there is no surf. You can get the device in your house. All you need is a remote control and the device. In this the device is in your house. So this is a brilliant idea to become a reality!

PARTS!!
This simulator is powered by solar panels with backup battery power. There are motion sensors to see where you're leaning in the hour boots. There is a difficulty unit to change the difficulty. There are sliding supports to keep it steady. The portable version is 10cm wide and 5cm tall. The all device version is 2cm wide and 5cm tall. The all device version is small enough to fit in your pocket.

All device version

remote to control difficulty

play for TV

connect this to your tv if comes with screen for your feet. All you need to do is jump to air (it's in the simulator. There's a remote to control the difficulty from easy to extreme to make it harder more waves will appear.

easy mode

extreme mode

Difficulty Unit to change the difficulty

Hour boots with buckles to be like if you're surfing

Back-up battery if solar panel's dead

Built in motion machines

Solar panel to power the simulator

Wires to connect power to the simulator

Big screen with black boards to simulate if your surfing

Portable version

remote to control difficulty

play for TV

connect this to your tv if comes with screen for your feet. All you need to do is jump to air (it's in the simulator. There's a remote to control the difficulty from easy to extreme to make it harder more waves will appear.

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Solar panel to power the simulator

Wires to connect power to the simulator

Big screen with black boards to simulate if your surfing


HOW WE NEED TO PROTECT OUR SHARKS

Every year between 26-73 million sharks are traded in markets around the world. Far more are likely to be killed at sea, though we will never know just how much. The threats we pose are many. Illegal poaching and hunting: Selling shark fins for soup and sport-fishing for shark-jaw trophies. Nets: Nets are placed along coastlines to keep sharks away from the shores. It turns out that sharks have more reason to fear humans than the other way around. That's why even shark survivors have started speaking up in defence for the shark.



While shark encounters do occur, they are extremely rare. Despite the fact that in the society we live in today throws at us all the intentions to fear sharks which includes films we watch (Jaws, Shallows, etc) the books we read and the stories we hear. In fact your chances of being the victim of an unprovoked shark encounter are lower than your chances of being struck by lightning or even being attacked by a domestic dog. Even the odds are in your favour, sharks are wild animals that must be respected when encountered. Sharks are not intentionally trying to hurt you they are just curious and often mistaken you as a seal.

If you study SCIENCE You may predict the FUTURE



Maybe YOU will save the
WORLD

Australian DISCOVERIES



DID YOU KNOW?

- Mattew Flinders and William Bligh discovered Wi-Fi technology in 1947. There wouldn't be a Wi-Fi without them!
- From 2003 to 2004, Brothers: Law & Stone Recursion developed the platform for GOOGLE MAPS!
- The team that created the world's first mobile phone was not from the USA but from Australia in the 1970s!
- Over 30000 kangaroos have been changed by the weather!

Don't Warren created the black box flight recorder in 1961! Even though its bright orange!

Dr Mark Lidwell made an important RaceMaker in Sydney, 1926!

Australia is not a HUGE leader in many producing inventions, but Australia did improve and save lives with many other important inventions!

ORIGINAL Australian VEGEMITE!

Each sold separately.

AUSTRALIA!

ROCK IN AUSTRALIA