



Highly Commended

Programming, Apps & Robotics Year R-2

Theodore Fitzgerald

Concordia College - St John's
Campus



VENUS FLY
TRAP.
BY THEODORE
FITZGERALD



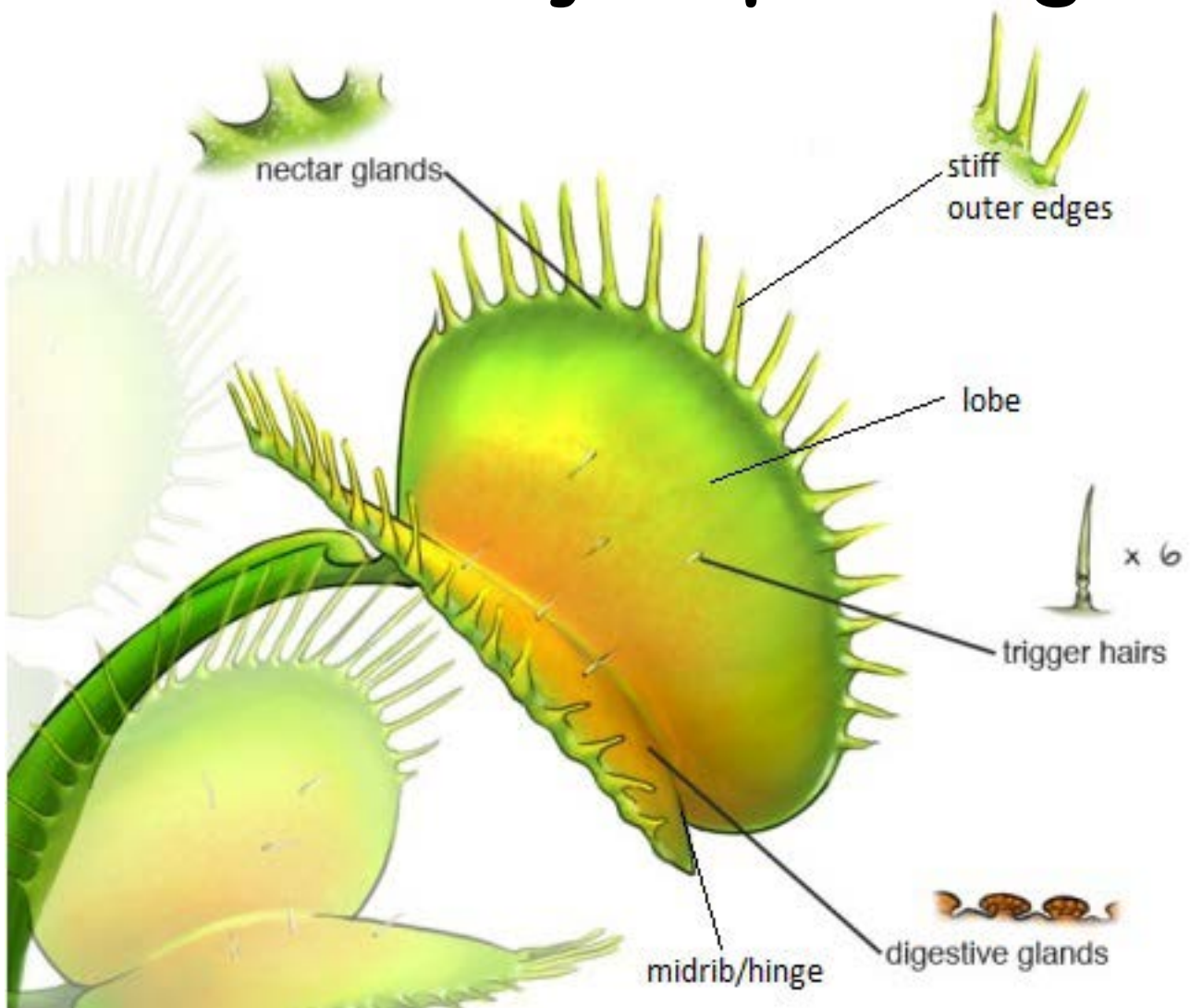
Inspiration

Venus fly trap eating



Inspiration

Venus fly trap eating

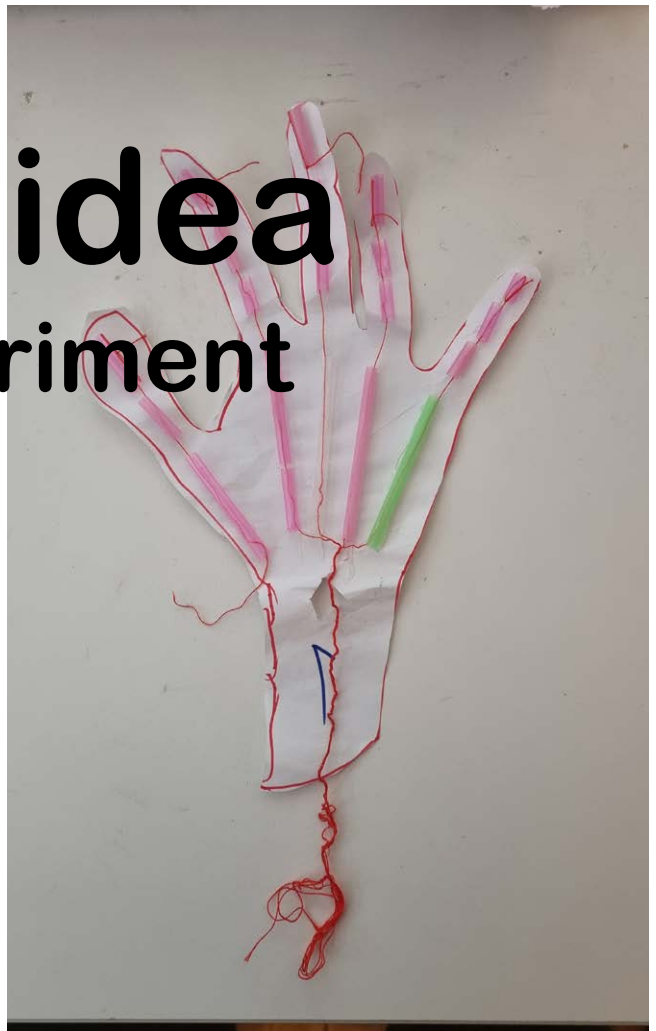


How it works

1. Attracts= sugar water
2. Lands= sensor
3. Activate = closes

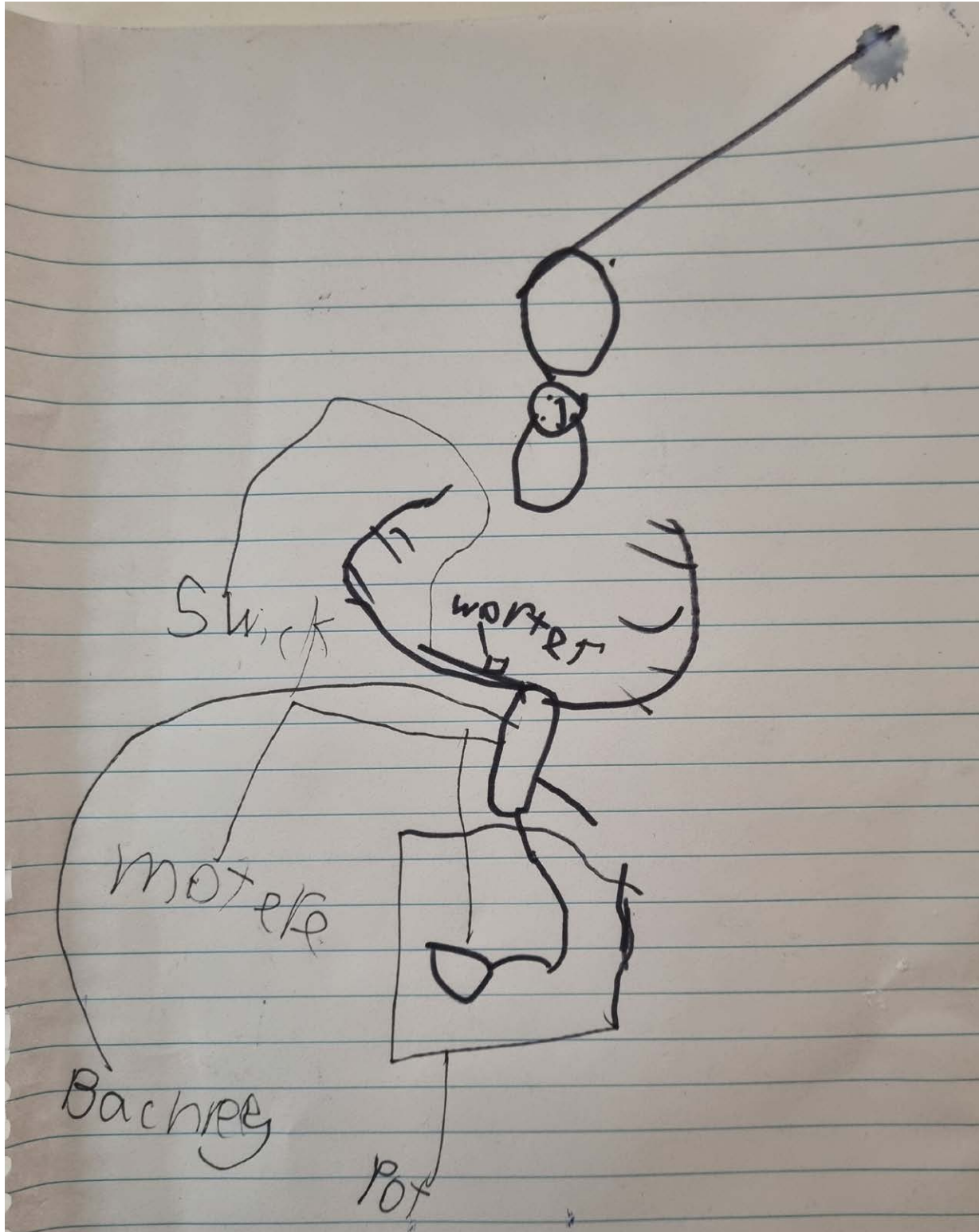
the idea

experiment



the idea

Diagram



Experiment

the first try making

WENT WELL

I made a circuit

It worked

the string tied on and
twisted up and got stuck

NOT SO WELL

the switch was in
reverse

the string tied on and
twisted up and got stuck
so we added a wheel & it
didn't get caught

model didn't close
the material was too
hard and motor stopped

stronger motor
maybe change to paper

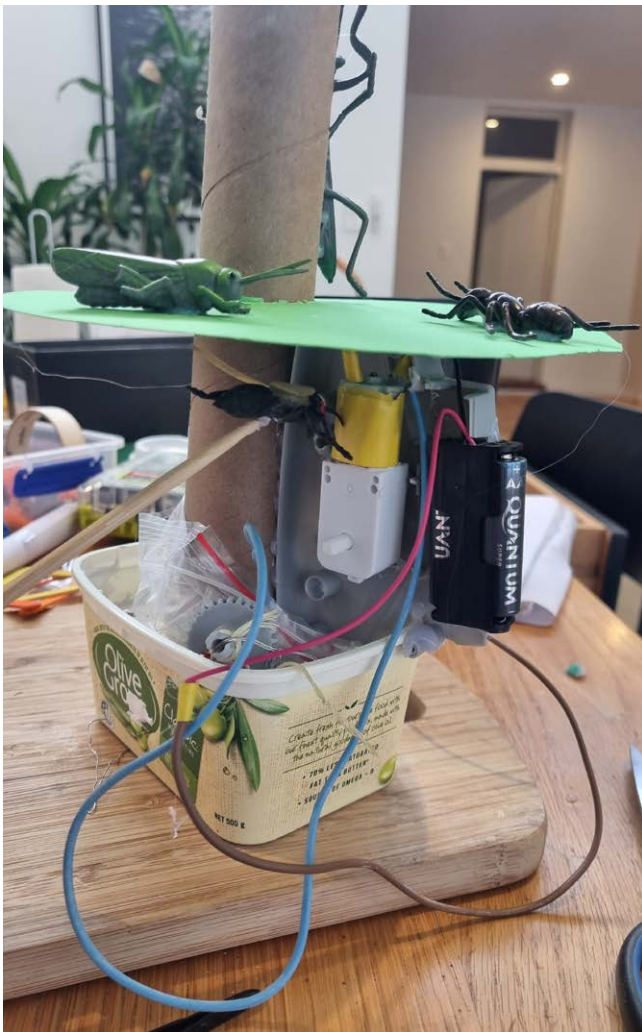
Making the circuit (with dads help)



the trap



the trap circuit



With Help from

**dad helped with
electronics**

**mum helped me to think
about the design**

**and put my ideas into a
report**

and filmed by my sister