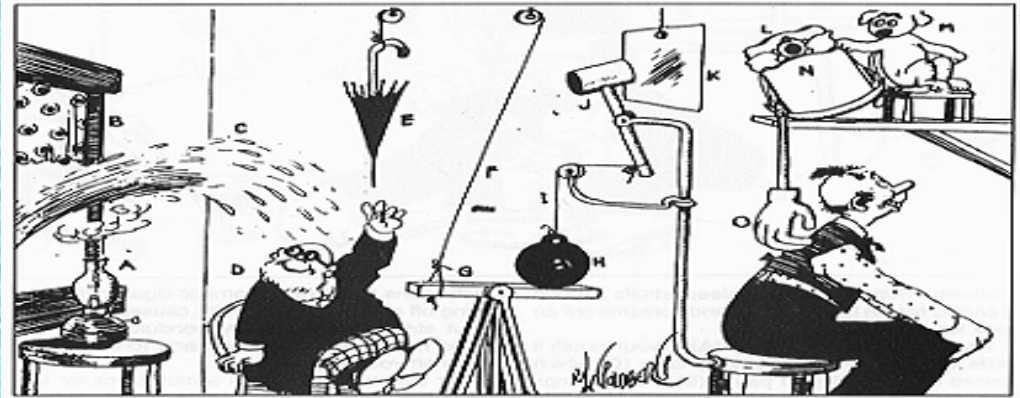


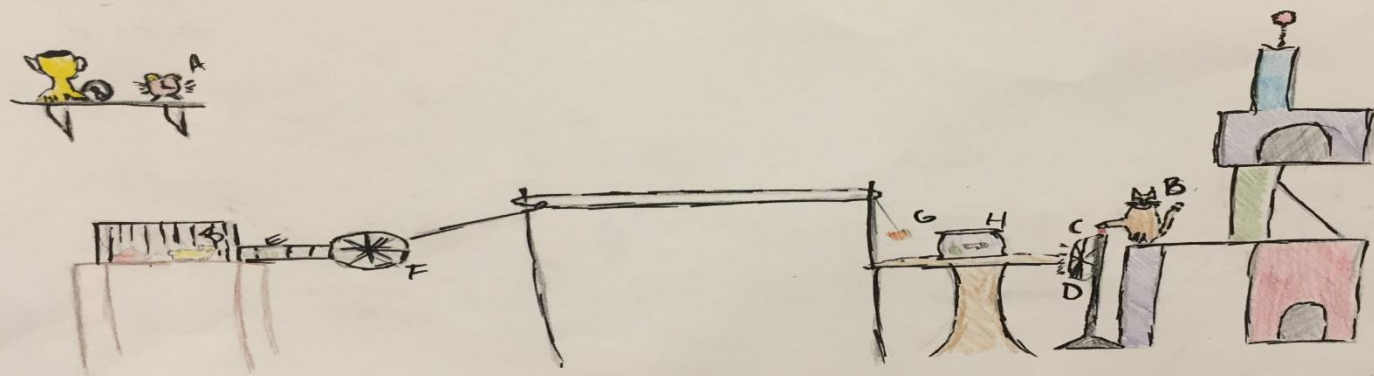
# Goldberg Drawings

Please enjoy our "inventions". They were inspired by the work of the cartoonist Rube Goldberg. He took a very simple task and used his creativity to show how complex it can become at times. The Rocket Extra students have come up with their own drawings to share. If you have a favorite, share it in an email to Mr. Suchocki. Tell which one you like the best and why. Thanks!

## An Automatic Back Scratcher



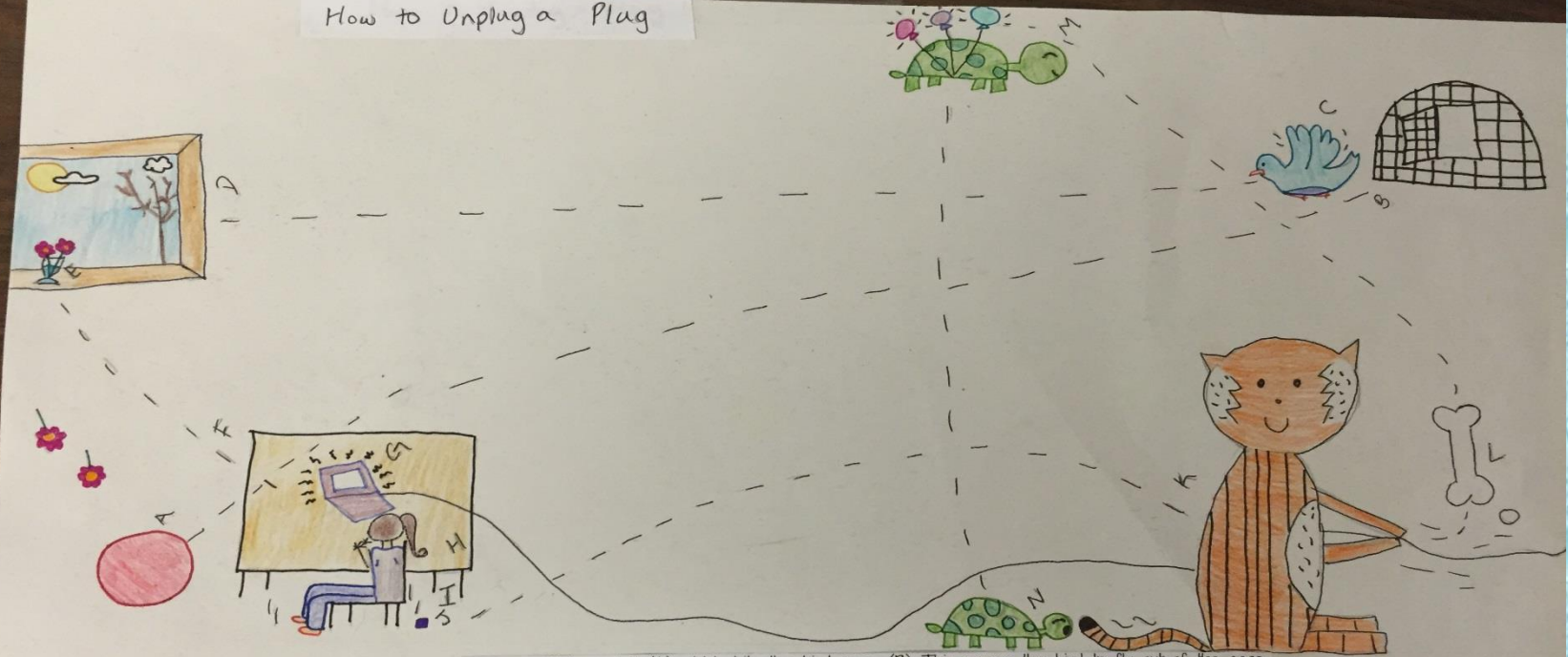
## The Automatic Fishfeeder



The alarm clock goes off (A) Waking up the hamster and cat (B) The cat wakes up and hits the red button out of curiosity (C) That switches the fan on (D) The hamster runs into his toy (E) The toy rolls into the wheel spinning it once that makes the pulley turn halfway (F) The fish food stops in front of the fan (G) The fan pushes the food back and forth dispensing it into the fishbowl (H)

Safiyah Jued

## How to Unplug a Plug



A person kicks a ball (A) which hits the bird cage. (B) This causes the bird to fly out of the cage. (C) Then it tries to fly out of the window. (D) When it's going out of the window the bird knocks down the vase. (E) The water from the vase gets poured on the computer. (F) Then the computer starts to shock. (G) That causes the girl to get startled, (H) and she jumps up in her chair. (I) The chair leg lands on a button (J) which goes flying up in the air, and hits a tiger eating a snack. (K) That startles the tiger so it throws its snack up in the air (L) This pops the balloons on the snapping turtle. (M) So, the turtle falls down and bites the tiger's tail. (N) That then causes the tiger to pull on the plug. (O)

Note: Unless you get the tiger from a zookeeper, be very careful.

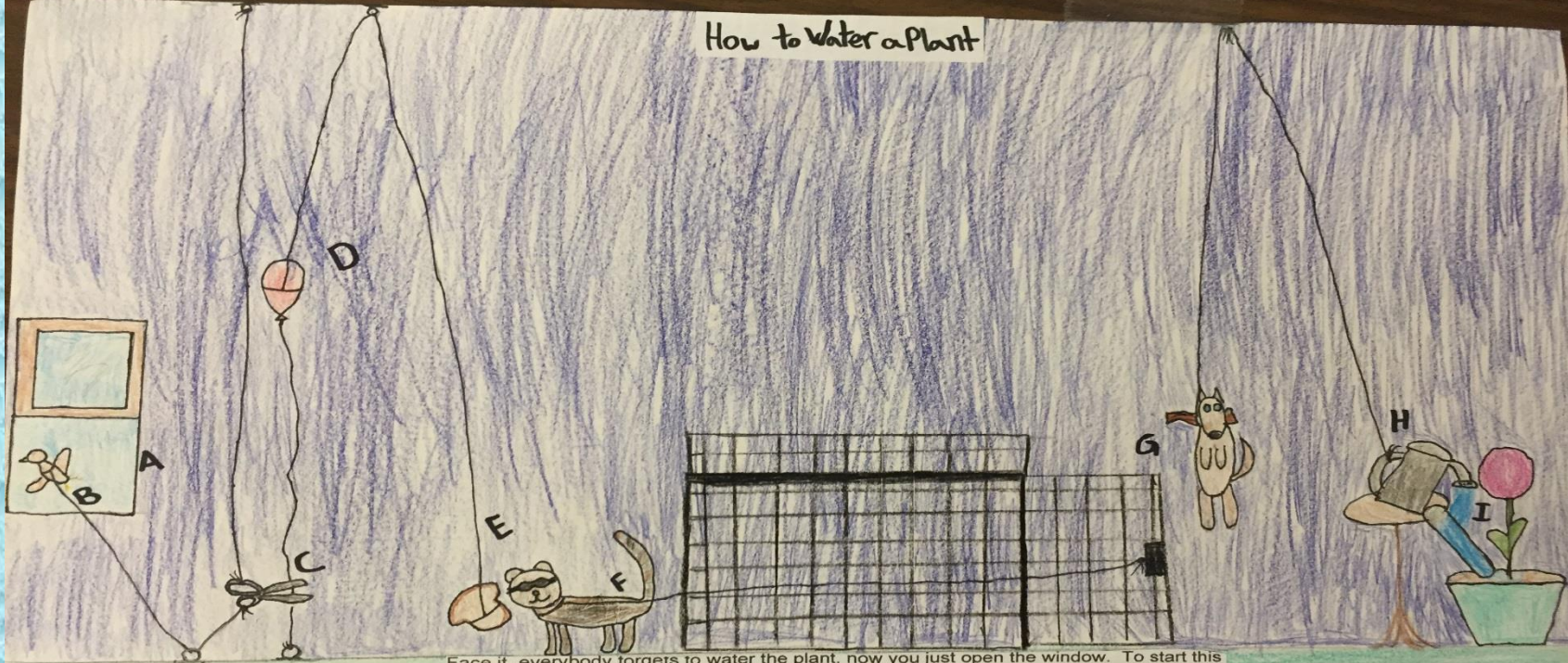


THE SIMPLE WAY TO PUT ON A HAT

The dog eats the food (A) which releases weight (B). The weight hits switch(C) which turns on fan. The fan blades cut the rope (D) releasing bowling ball. The bowling ball hits the balance (E) launching ball toward the button (F). The button releases the food (G) making hamster run on his wheel (H). The wheel spins the gear making the platform rise (I). The ball on the platform gets hit by balls on fan blades (J). The ball hits the clothespin (K) releasing hat (L). This prevents this "cool kid" from going out without his hat sideways.

I  
you  
W

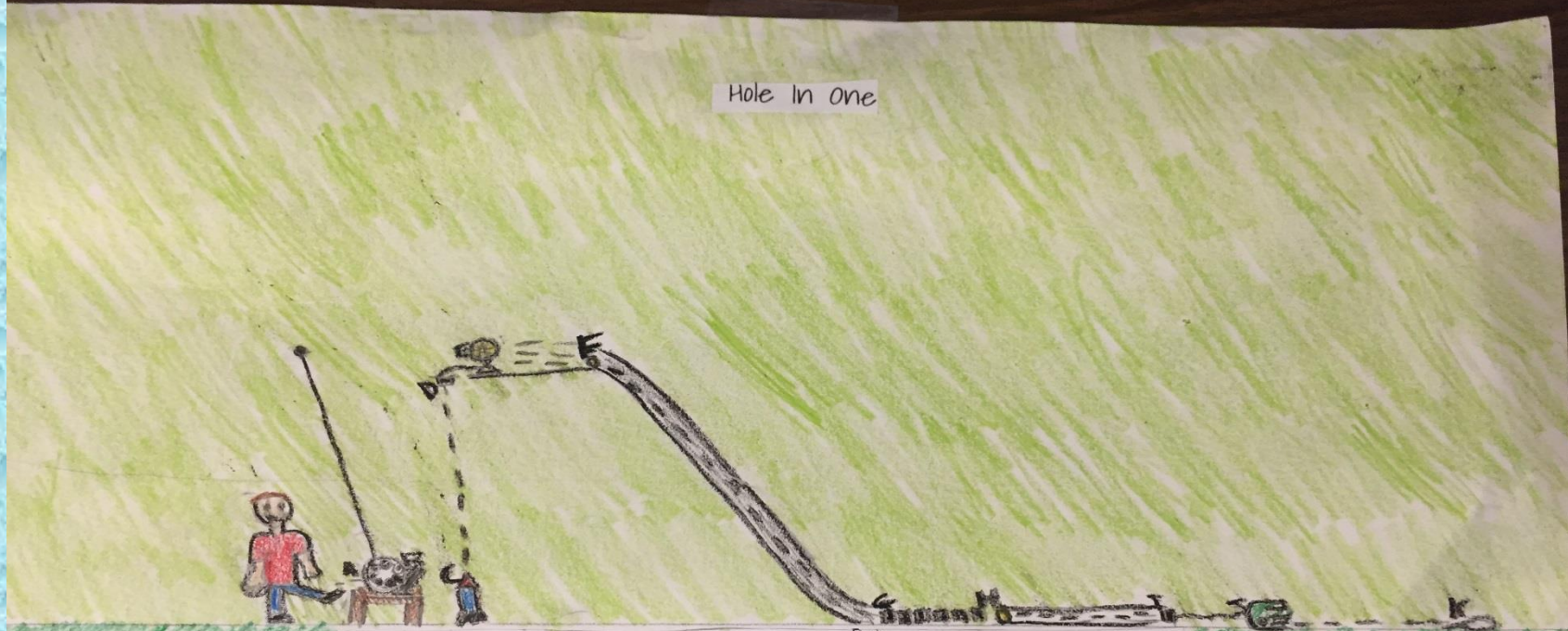
# How to Water a Plant



Face it, everybody forgets to water the plant, now you just open the window. To start this contraption, you open the window (A) and the bird flies out (B). It pulls the string, cutting the balloon string (C). The balloon rises (D) lowering the bread (E). The raccoon rushes forward to get the bread opening the dog cage (F). The dog comes out and grabs the bacon and pulls it (G). That tips the watering can (H). It pours water down the slide and onto the plant (I). You might have to replenish the bacon and the bread because raccoons love anything, and everybody loves bacon.

Leah

# Hole In One

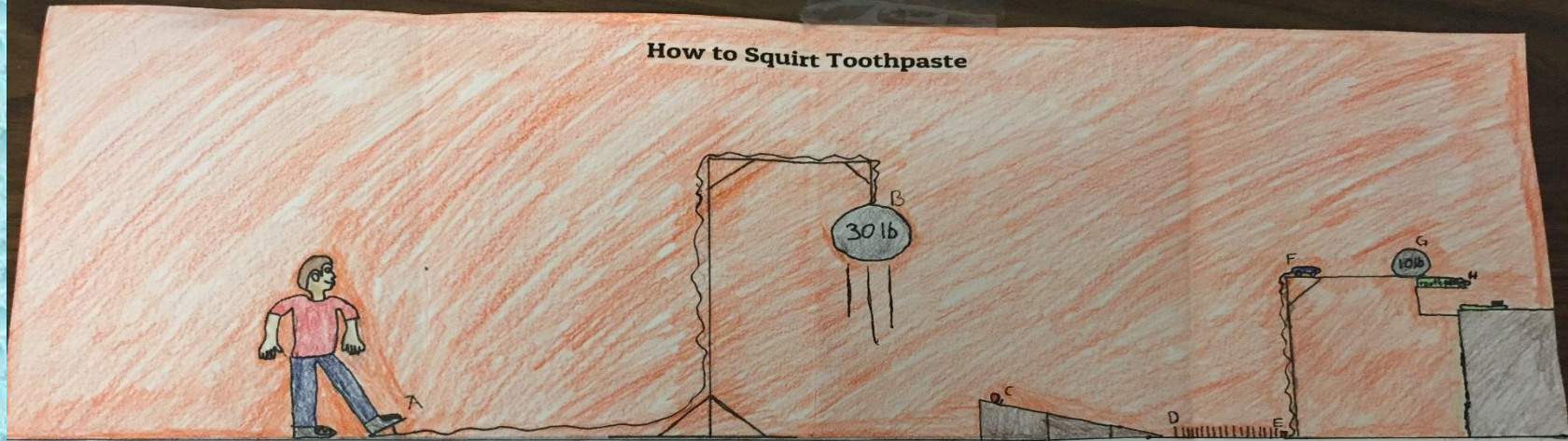


Have you ever wanted to be an amazing putter? A) ~~you~~<sup>First</sup> you want to kick the soccer ball B) then the soccer ball hits the lever. C) The lever shoots the rocket D) and the rocket hits the button. E) The button turns on the fan F) which the wind from the fan blows a pingpong ball down a pipe. G) The pingpong ball rolls down the pipe and knocks down dominos. H) The last domino hits a golf ball and rolls down a pipe I) and the golf ball hits a button. J) The button turns on a putting machine that shoots a golf ball out K) the golf ball rolls into the hole for a hole in one. Next time just turn on the putting machine and angle it to the hole.

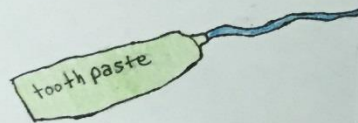
Hole  
IN  
One

Hole  
IN  
One Joseph  
Eggman

## How to Squirt Toothpaste

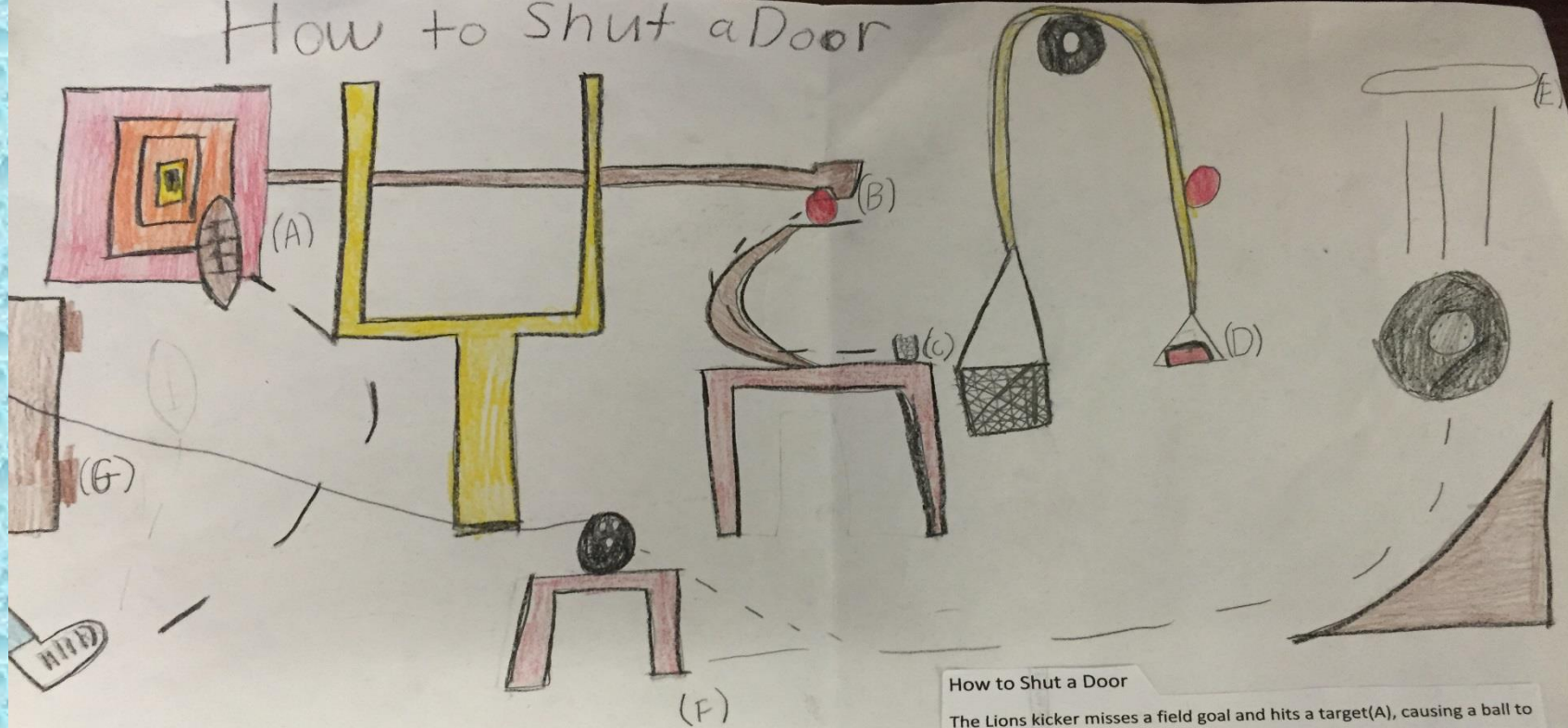


Step on a foot lever (A) which releases the 30 lb weight (B). That shakes the ground and causes the ping pong ball to roll down the ramp (C) and knock over the dominos (D). They fall and press the button (E) that releases the wind-up car (F). That knocks over the 10 lb ball (G) that squirts the toothpaste (H) Thus allowing you to brush your teeth without having to squirt your toothpaste, but make sure the ball doesn't drop on your foot!



Drew

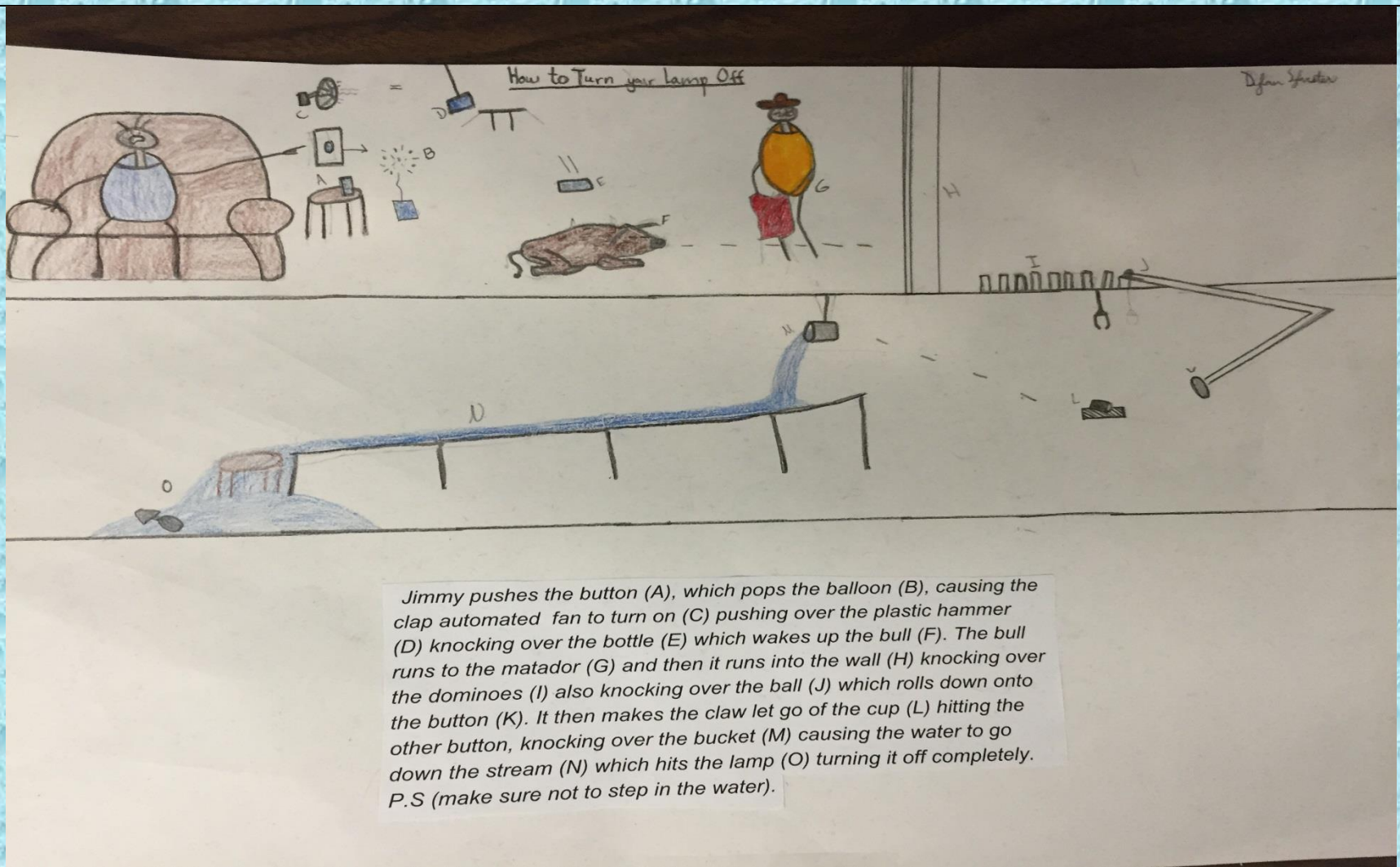
# How to Shut a Door



## How to Shut a Door

The Lions kicker misses a field goal and hits a target(A), causing a ball to roll down a ramp(B), and knock over a glass of ice into a basket on a pulley(C), causing a brick to rise up and hit a button(D), dropping a wheel on to a ramp(E), the wheel rolls and breaks the leg of a table(F), causing a bowling ball with a string attached to the door to roll down the table and shut the door(G).

ierce



Jimmy pushes the button (A), which pops the balloon (B), causing the clap automated fan to turn on (C) pushing over the plastic hammer (D) knocking over the bottle (E) which wakes up the bull (F). The bull runs to the matador (G) and then it runs into the wall (H) knocking over the dominoes (I) also knocking over the ball (J) which rolls down onto the button (K). It then makes the claw let go of the cup (L) hitting the other button, knocking over the bucket (M) causing the water to go down the stream (N) which hits the lamp (O) turning it off completely. P.S (make sure not to step in the water).



