

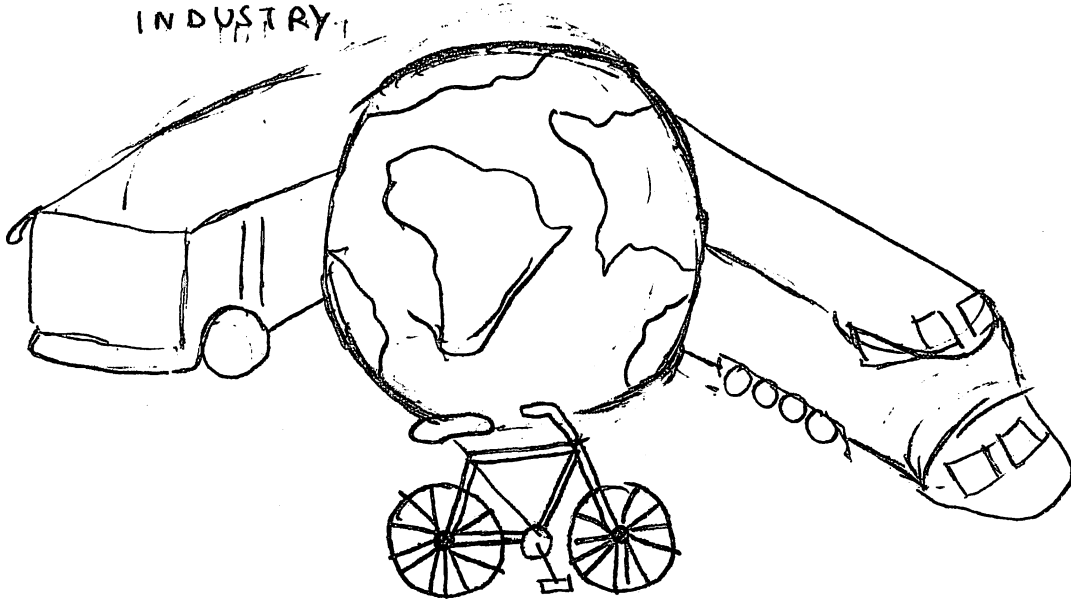
# E-TRIKE

BY:

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AYANA WALKER  
TRAMIA JOHNSON  
AKINYEMI MORAKINYO

# BACKGROUND

TRANSPORTATION  
INDUSTRY

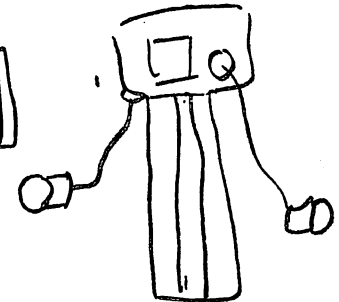


TECHNOLOGY

APP / BLUETOOTH



RECHARGABLE

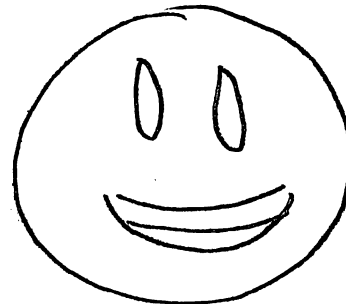
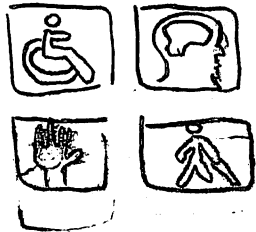


ARDUINO



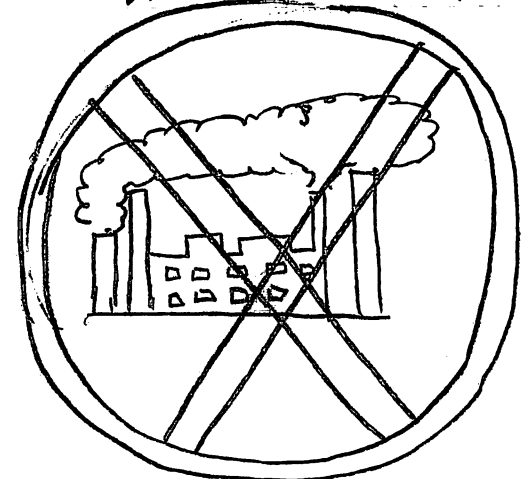
CUSTOMERS

DISABLED

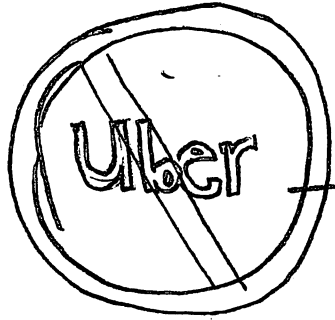


YOUTH

ENERGY CONSERVATIONISTS

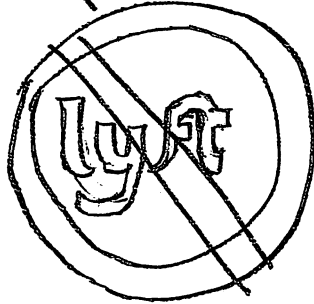


# NEEDS

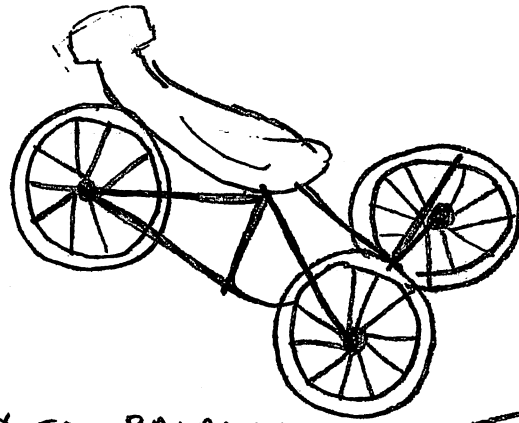


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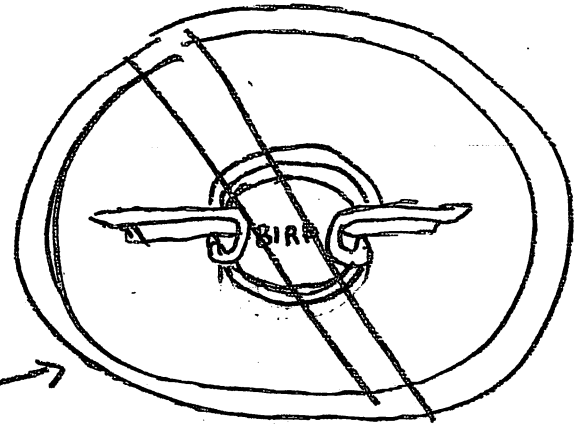
COST EFFICIENT



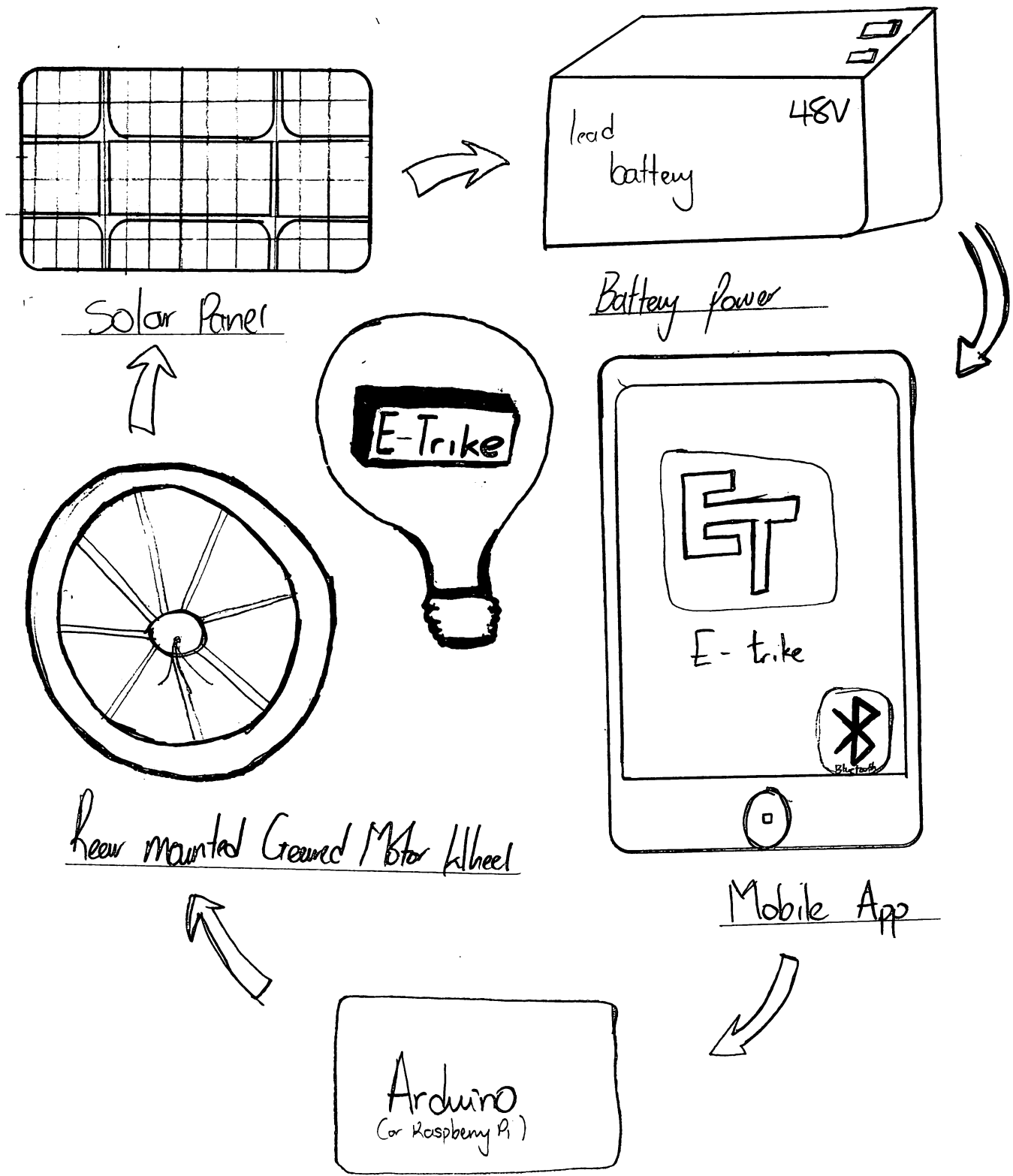
CLEAN ENERGY



- EASY TO BALANCE
- COMFORTABLE
- CONVINIENT

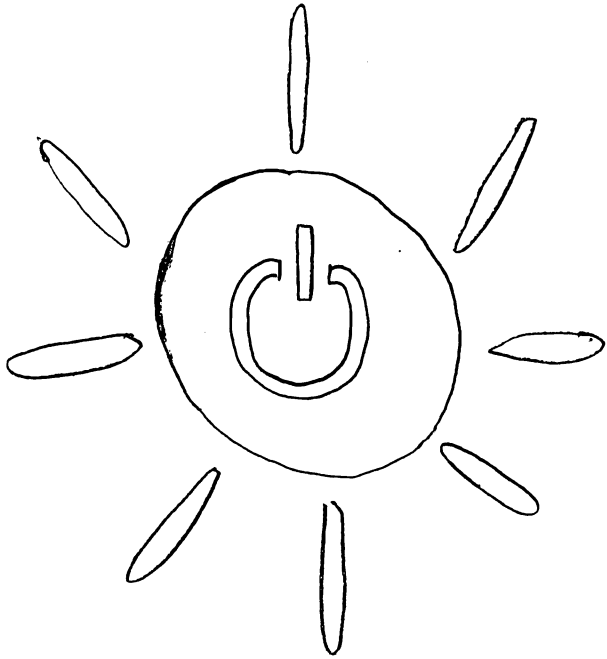


Project long term goals...

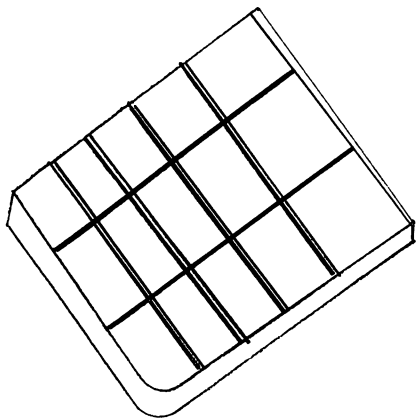


# Design Requirements...

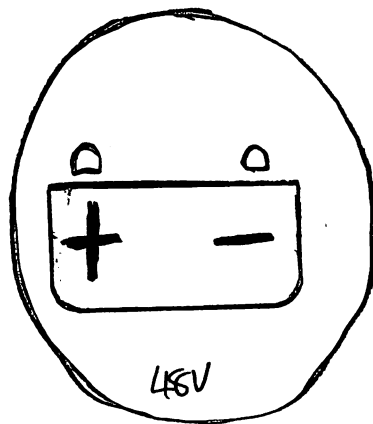
Clean affordable energy.



Clean renewable energy



Solar Panel

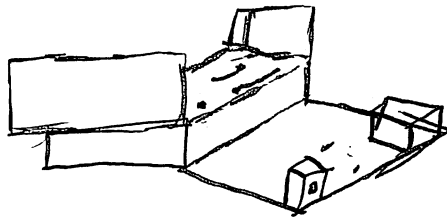


AC Battery (load)



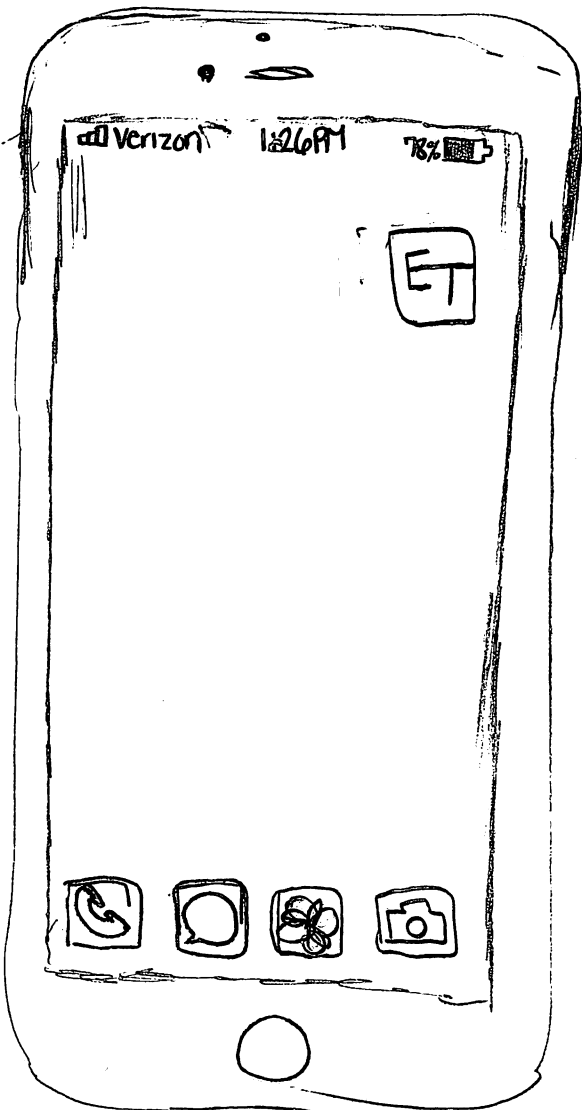
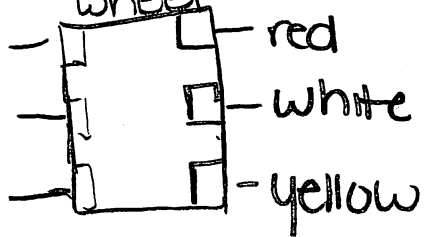
Cycle Mechanical energy





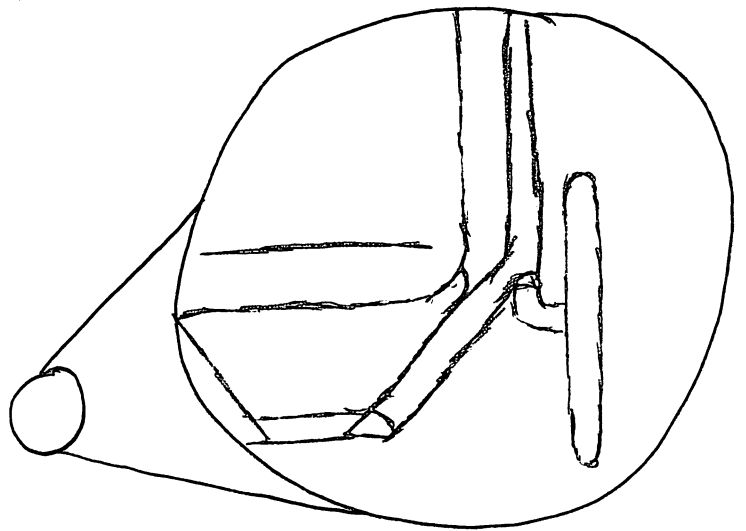
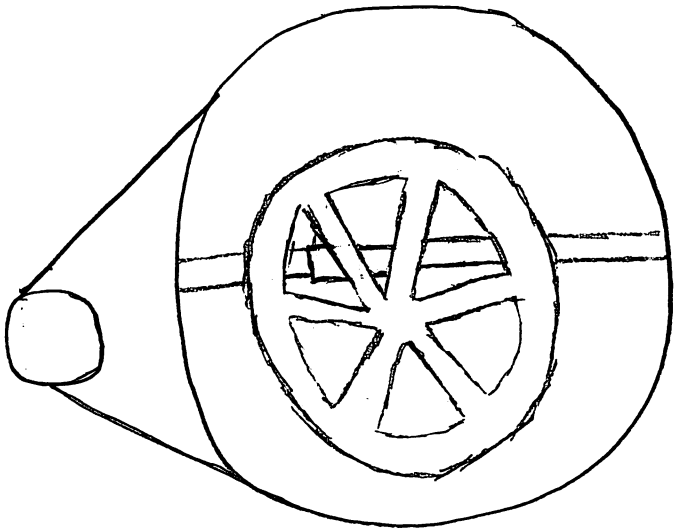
microcontroller

wires  
connect  
to  
wheel

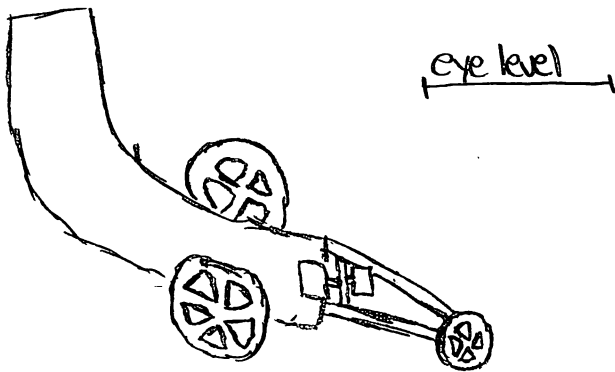


ETrike  
iOS Application

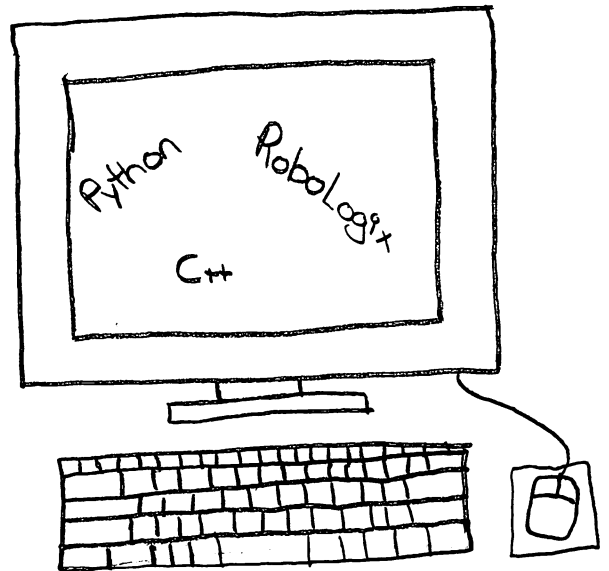
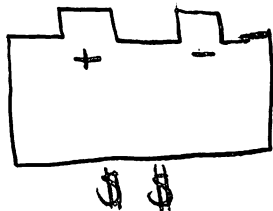
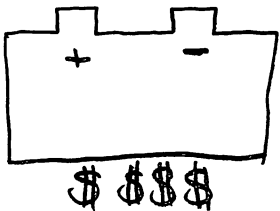
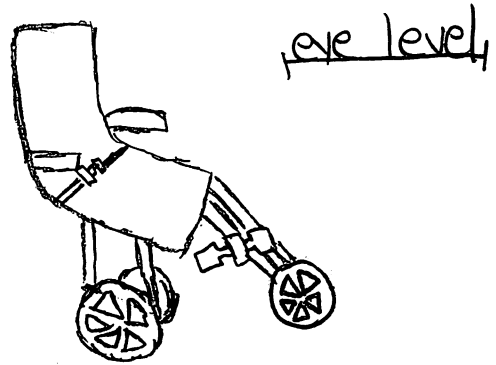
# Top Solution Design



Before

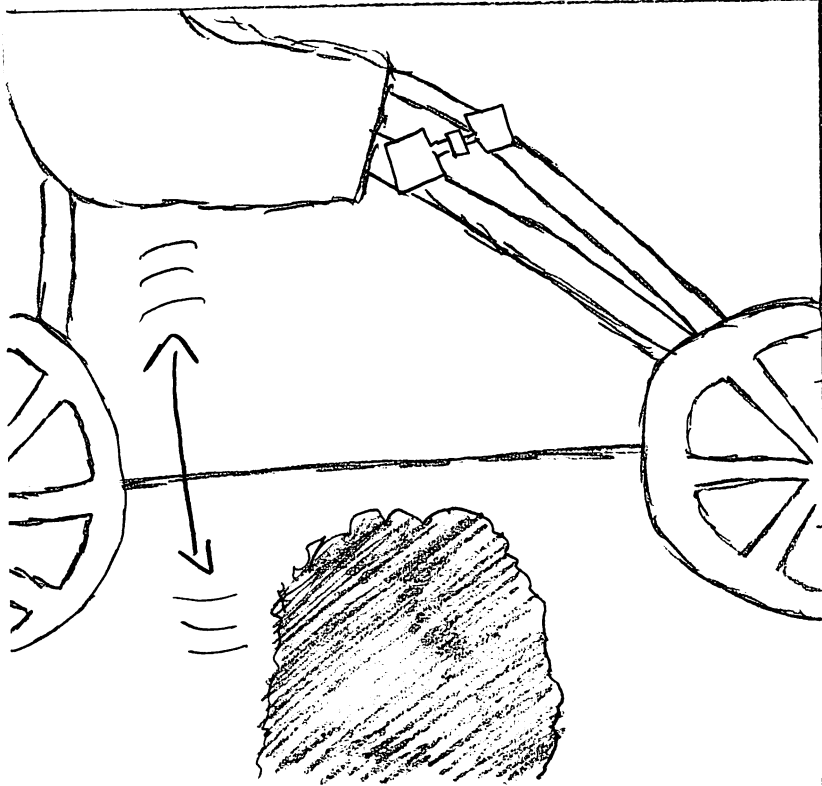
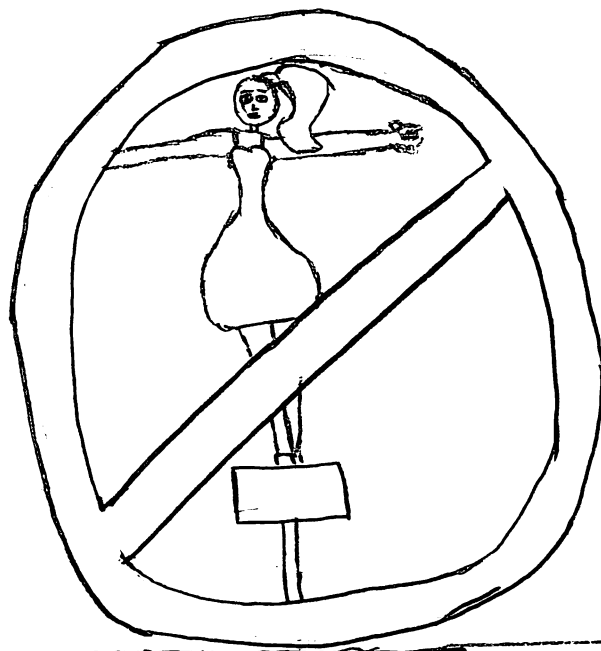
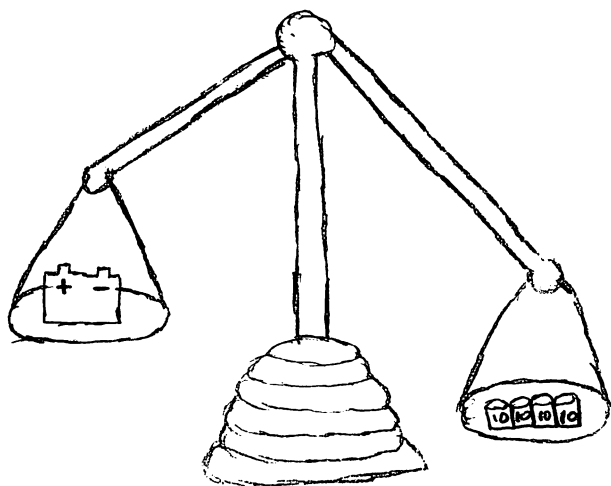
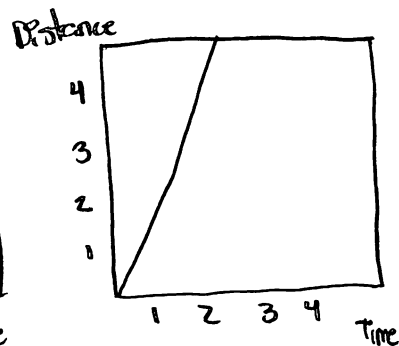
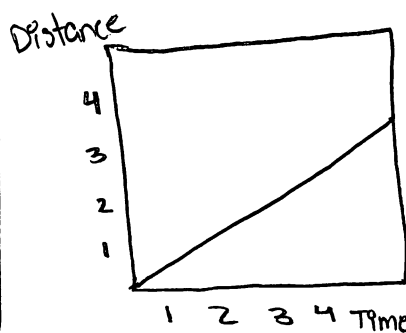
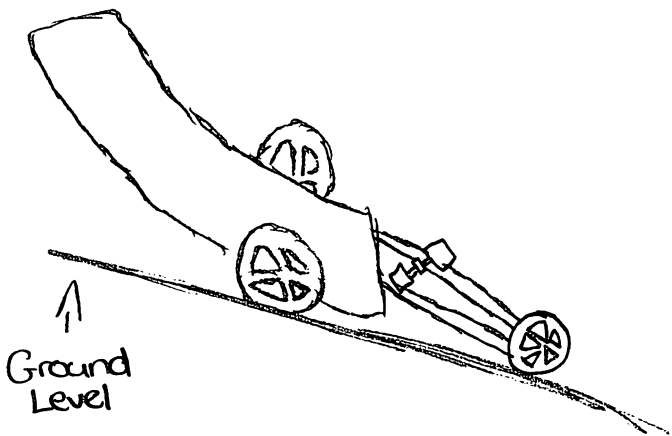


After



# Conclusion

## Regular Scooter vs. E-Trike



**RETRACTABLE**