ENGINEERING DESIGN PROCESS

Ask
Identify the need.

People are getting sick and dying from covid-19. there must be an advanced solution to help people not spread the covid-19 when they are out in their local communities such as the parks, stores and restaurants.

Research
What are things that could make this need better?

To help people in their communities toget around and enjoy their environments their should be more effective things to use like better masks ways to let doctors know if a person has coronavirus, and detect virus particles in sweat.

Imagine
What is something you could build to help this need?

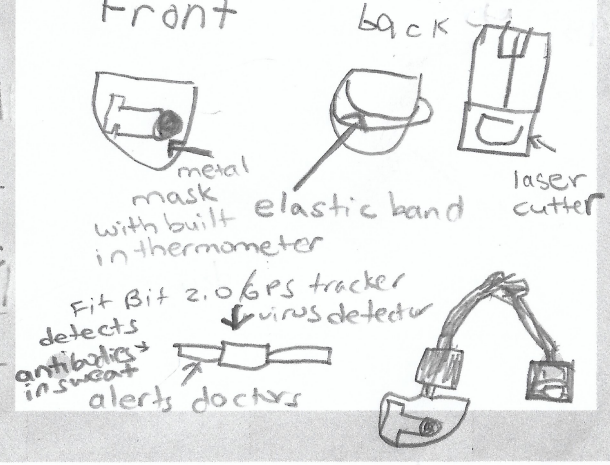
I would create the Metal Mask 2.0 to help people in their local Community eat shop and enjoy their time with their families and friends away from home.

Plan
What would you need to build this?

1. Metal with thermometer and doctor alert technology 2. Laser cutter machine for metal 3. Metal mask watch/Fit bit like device 4. elastic adjustable band 5. USB for charging the cordless Metal Mask 2.0.

Draw
Draw your prototype.

Metal Mask 2.0



Strengths & Weaknesses
What are some strengths and weaknesses of your prototype?

Strengths	Weaknesses
1. lightweight metal mask	1. You have to charge the mask once a day.
2. strong	2. If you fall down on your face it may hurt.
3. mask has GPS tracker and built in thermometer to check if you have the virus	
4. watch/fitbit tracker detects sweat and measures virus anti-bodies to alert your doctor	
5. rechargable mask	