

KOOTENAY CONTRAPTION CONTEST CLASS FORM

Calling all kids in grades K-8. GLOWS challenges you to come up with the most creative, most imaginative "contraption" you can dream up to solve this problem:

The year is 2050. The climate plan to significantly reduce greenhouse gas (GHG) emissions by now was unsuccessful. The global temperature has increased and more frequent and intense droughts, storms, heat waves, rising sea levels, melting glaciers and warming oceans are harming animals, destroying the places they live, and negatively impacting people's health, livelihoods and communities. What contraption will you create to help improve your life in this new warmer climate?

Teacher Name:

Dylan Dainard

Student name: JP

School:

J.A. Laird

Grade:

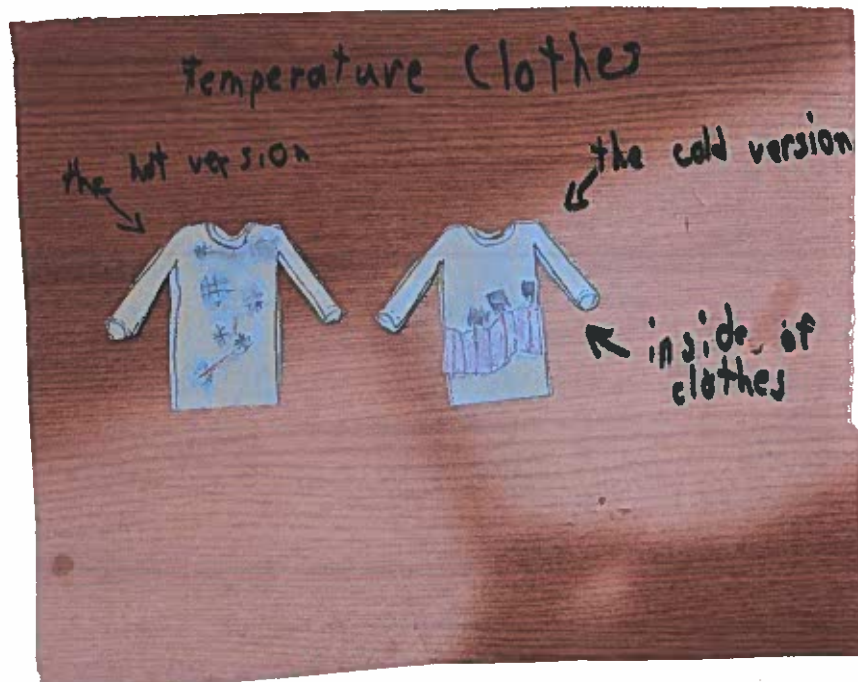
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Email:

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Draw or illustrate your idea in the box. If using a digital media, please indicate it below.

Please see attached .pdf.



Kootenay Contraption

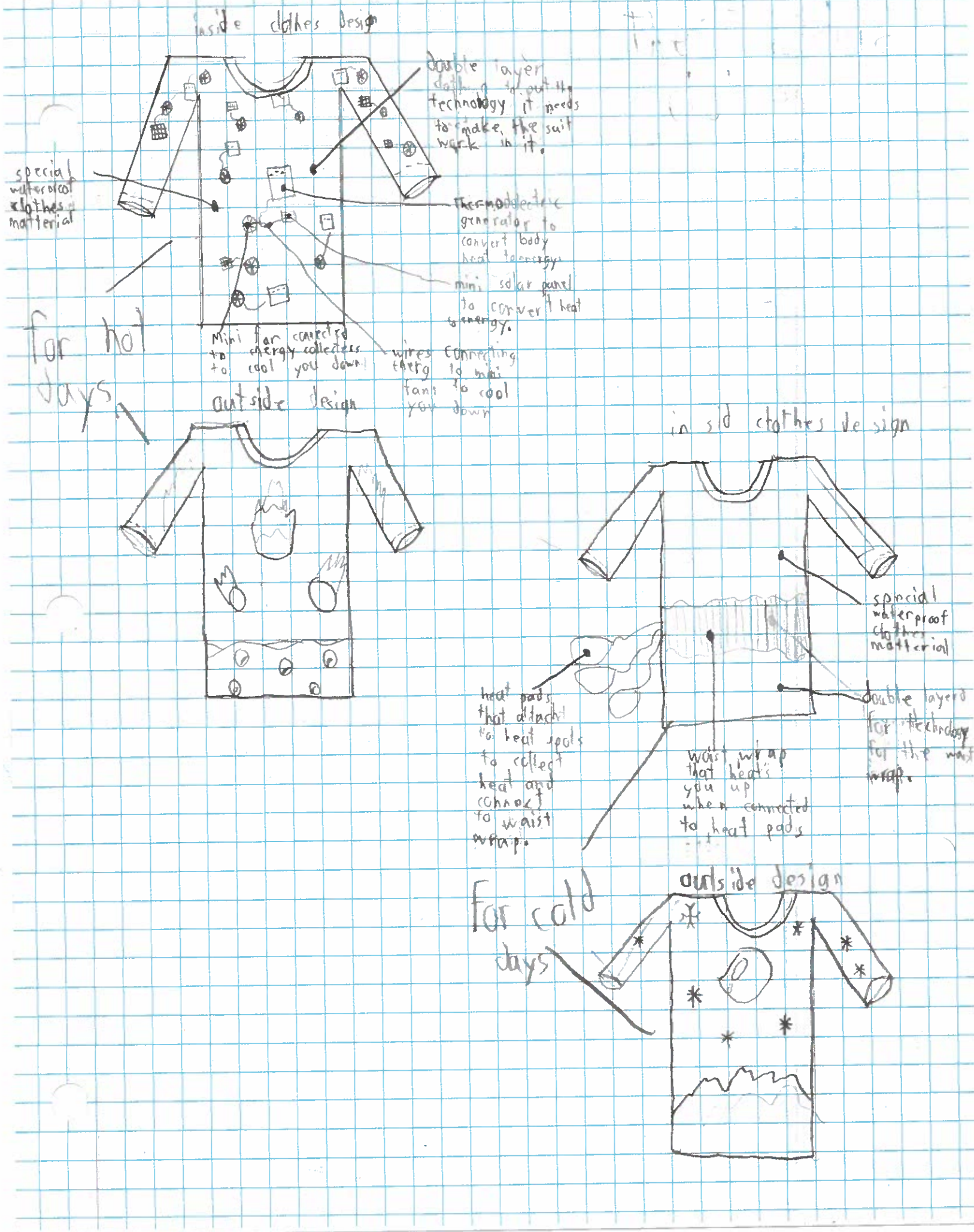
My Kootenay Contraption Project is clothes that help you survive the temperatures of the future in 2050. There are two versions of clothes, one version of is meant for if it is a really hot days and it is double layered with a thermoelectric inside connected to some mini fans to cool you down and mini solar panels that collect energy from the sun to power the mini fans same as the thermoelectric. The other version is meant for cold weather and has a strap that connects to your waist and pads which you put on the heat spots of your body to transfer the heat to the waist strap to heat the whole body up. The clothes are also going to have a design on the front. If this invention actually gets made say goodbye's to freezing in winters or being too hot thanks to JP Delos Santos

By

JP Delos Santos

DESIGN

Temperature Clothes / T.C.



ITEMS TO INCLUDE IN YOUR DESIGN:

- ✓ Drawing from multiple views
- ✓ Scale
- ✓ Measurements
- ✓ Labels
- ✓ Colours
- ✓ Magnified detail drawings
- ✓ Other

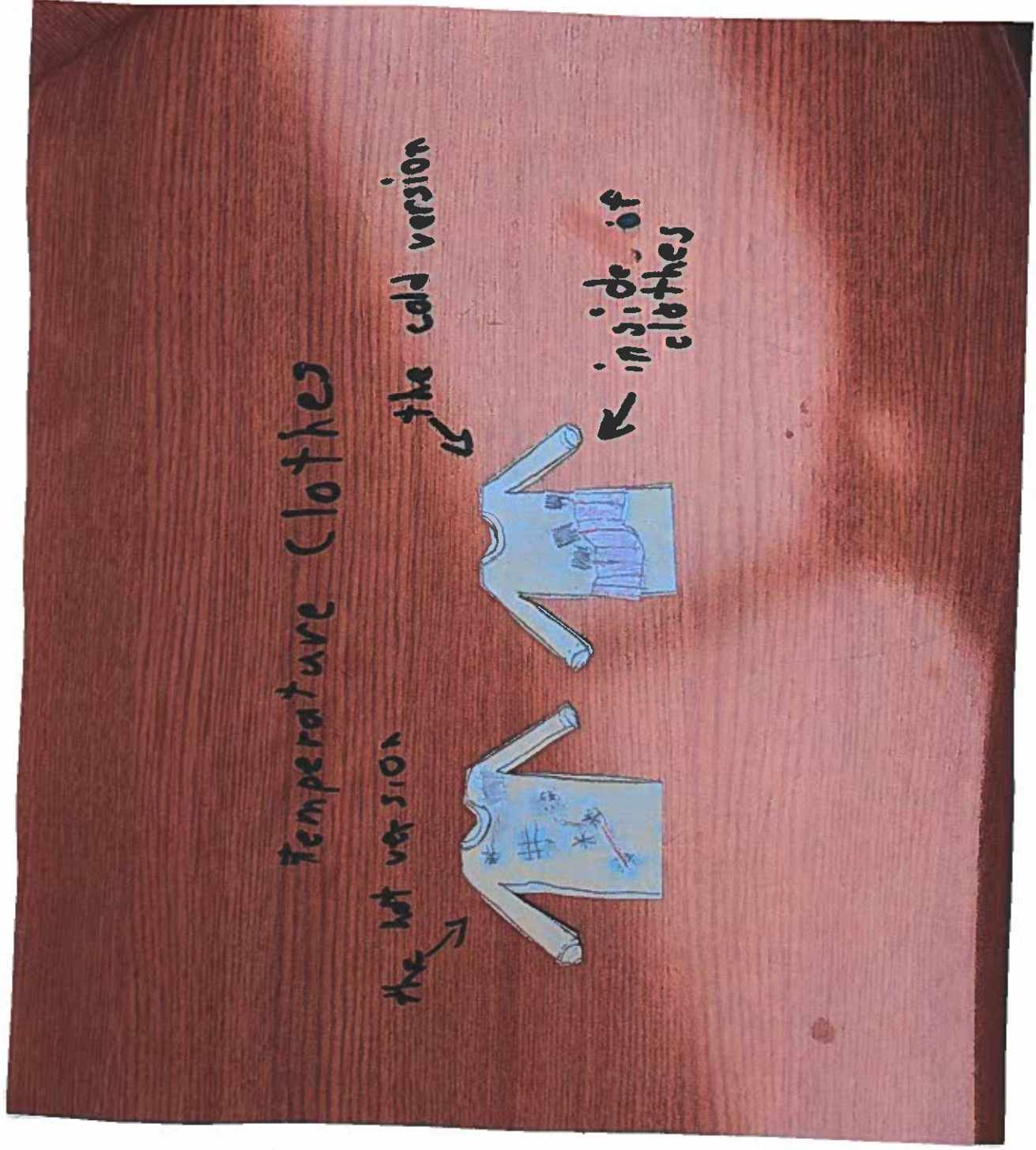
FEATURES OF THE DESIGN:

The cold version warms you up and the hot version cools you down. The clothes are double layered to put the technology required to make it work. There are also pants and shoes.

SUPPLIES REQUIRED:

JP

FINAL DESIGN PICTURE



REFLECTION QUESTIONS

- ✓ How will your contraption help resolve a problem in 2050?
- ✓ What is the intention of your contraption?
- ✓ Will it work for other uses? If so, what uses?
- ✓ What would you change on your next contraption?
- ✓ Other

Reflection Section

This project is meant to help people survive the temperatures in the future. There are two versions of it one for cooling you down on hot days and one for heating you up on cold days.