



Team Name: _____

Prototype Testing Checklist

Use this checklist to go through each test. If your prototype fails a test, then you should re-design and re-test until your prototype receives a passing grade!

Insulation: Will it keep the wearer warm and dry?

- Test Method: A team member wearing the design should do 30 jumping jacks, and then report how they feel.



PASS



FAIL: Why did this fail? What are you going to do to re-design?

Mobility: Create garment shapes, features, and use fabrics that allow the wearer to move freely.

- Test Method: Stretch, squat down, kick your legs and try different dance moves.



PASS



FAIL: Why did this fail? What are you going to do to re-design?

Impact Protection: Design the outfit to protect the wearer for dancing, crawling, or falling.

- Test Method: Do three knee drops or knee slides.



PASS



FAIL: Why did this fail? What are you going to do to re-design?

Wearable Electronics: Use lights to make sure the wearer can see and/or be seen.

- Test Method: Jump around and wiggle to check for shorted connections. Turn the room lights down to see if you can see all the lights on your design, and that they are bright!



PASS



FAIL: Why did this fail? What are you going to do to re-design?