Extra Thumb Workshop

https://github.com/jarkman/extrathumb
For CCCamp19

1. Find yourself a thumb (they come in large & small, and right and left) and a backplate.
2. Poke out the holes and slots with a screwdriver/pointy thing.
3. Start all the folds, but don't put any tabs in yet.
4. Fold up the little tabs that hold the tube in place on both parts.
5. Hold your arm out straight, and get someone to measure from the middle of your back to your wrist.
6. Cut a bit of tube that's 50mm longer than that.
7. On the thumb, put the tube through the tabs plus 5mm, and secure it with a blob of hot glue between the two tabs.
8. Do the same on the backplate, coming from the slot end.
9. Cut a bit of string that's 400mm longer than your tube.
10. Thread the string through the tube.
11. And through the fingertip holes.
12. And tie it.
13. Fold up the fingertip, then the finger sections, then the curved sections, putting tabs in as you go.
14. Cut a bit of sticky hook velcro and stick it onto the flat back of the base of the thumb.
15. Cut two 300mm bits of loop velcro and use them to strap the thumb to your hand.
16. Cut two bits of loop-velcro long enough to loop around your shoulder/armpit, and two 100mm bits of hook-velcro to turn them into loops.
17. Thread one velcro loop through the slot in the backplate.
18. Tie a loop in the string and thread the other velcro loop through it.
19. Put those two loops on your shoulders.
20. Work your thumb!
21. You probably need to adjust the string length by re-tying the string loop.