

'Impress my family' Science Experiment 4

Getting out of a tie-up

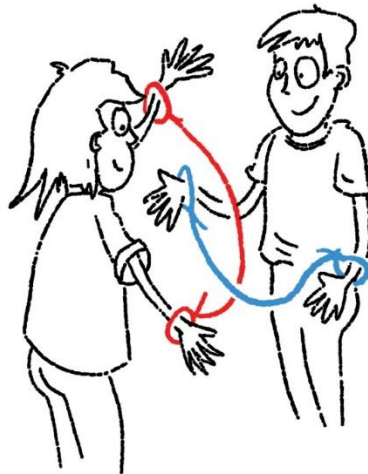
What you need:

2 people

2 rope pieces with the both ends tied to a loop

How to do it?

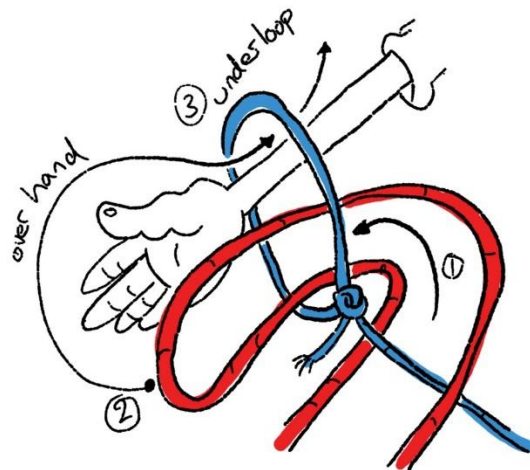
1. Tie the two volunteers (ideally your siblings) together like so:
Get person A to put their hands through the looped ends of a piece of rope.
Then get a second person B to do the same with a second piece of rope,
which is looped around the first rope.



2. Challenge them to free themselves without taking their hands out of the ends of the rope. Don't allow them to sever the rope using friction or use any other tools like scissors.
3. Watch them wriggle, twist and turn!

How to get free?

The solution is to position the rope in red so that it dangles under one of the hands of Person B. Person A should take hold of the middle of their red rope and pull it through the loop below person B's wrist, up over their hand and under the loop going over their wrist.



For more instructions please see:

<https://puzzlewocky.com/parlor-games/string-handcuffs-puzzle/>