## **BUILDING LIGHTSABERS**



1. Electrical tape 3 batteries together tightly, making sure to place the positive (+) ends touch the negative (-) ends

2. Test battery pack by holding LED to it. The positive (+) end to longer wire (+) and negative (-) to shorter wire (-).



3. Fan out black wire and tape it to negative end of battery pack. Repeat with long red write to positive side.



positive

negative

4. Cross red and black wires and tape them to battery pack.



7. Bend ends of LED into a V shape. Wrap red wire around long end and black wire around short. Squeeze together and tape.



10. Optionally insert diffusion paper into tube.



5. Test again with red (+) to long (+) and black (-) to short.



8. Test again by pressing switch



11. Screw tube onto hilt.



6. Remove nut and washer. Feed red wires through holes on switch, wrap around themselves and tape.



9. Place battery pack in bottom of hilt. Using string feed switch through hole and secure with just the nut.



12. Have fun and may the force be with you.

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