

POWERED NOTEBOOK

Level 1 - Add a 3V battery and leads to keep the power at your fingertips.



YOU WILL NEED

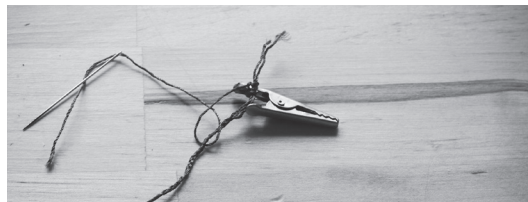
- A notebook
- 1-3V coin battery
- 1-3V coin battery holder
- 2 jumper wires with alligator clips
- Conductive material to create the power leads (wire, conductive thread, etc. Get creative!)
- Adhesive tape and/or glue

Demo videos and illustrated step-by-step directions at nexmap.org/hack-your-notebook-day #HYNB2014



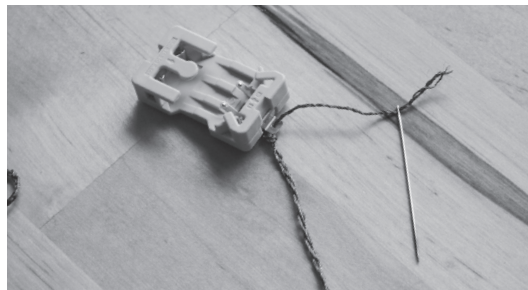
DIRECTIONS

1. Determine where you want to place the battery holder in or on your notebook.
2. Decide what material you want to create your power leads. Consider thickness, flexibility, color, etc. Make sure each lead is long enough to comfortably reach from the battery holder's final position to your notebook pages. Cut two to length.
3. Attach an alligator clip to the end of each power lead. If using conductive thread as your power lead material, you will need to cut them from the jumper wires.
4. Attach the other end of each lead to the battery holder.
5. Attach battery holder to the notebook using tape or glue.
6. To power circuits in your notebook, extend copper tape to edge of pages. Clip the + lead to the + copper tape circuit trace and the - lead to the - copper tape circuit trace.



IDEAS FOR POWER LEADS

- Braid conductive thread
- Use the jumper wires as-is
- Knot your leads like a friendship bracelet using conductive thread
- Crochet leads by using the chain stitch and conductive thread



For video tutorials on braiding, knotting and crocheting techniques, visit nexmap.org/HYNBD-resources



TROUBLESHOOTING TIPS

- Make sure each lead is firmly connected to its battery holder terminal and its alligator clip.
- Check that the battery is placed in the holder + side up.