







Some Ideas on Making Jitterbugs - Most materials come from Bunnings

- 1 Wire for legs 1.57mm diameter (200m roll) galv tie wire from Bunnings \$36.00per roll. You can buy smaller rolls.
 2. Glued wire legs and motor on with **Zero Nails** from Bunnings (only \$2.00 dries fast, sticks like rock). Legs need to be 15cm – 20 cm long
 3. Feet made from mini retic 4mm poly tubing from Bunnings \$4.88 per roll
Put a piece of tube on the wire and bend with pointy nosed pliers.
 4. Off centred weight is a wall plug drilled with 1mm drill bit on the side, small screw placed in the end and SUPERGLUED for safety onto the drive shaft by teacher. See picture.
- Ramset Wall Plugs 7mm x 25mm 100 pack green \$3.77
Screws Buildex multi- use pan head 12 mm 100pk \$4.55 Bunnings
5. Use double sided tape to attach battery holder and switch (if using one) to CD
18mm x 5m roll \$2.29 in Crazy Clarks
Super Glue 3 gm x 4 tubes \$3.96 in Crazy Clarks
 6. The electronics company for motors etc is JAYCAR at 1808 Albany Hwy Kenwick opposite Bunnings (same side of the Hwy) PHONE 9493 4300.
If you ring their Eastern States office and speak to Ray on 02 9741 8538
He can post the order to you hassle free using a school order number.

I ordered 2XAA Battery holders mod No PH 9202 57c each at 500rate
 Hobby Motors mod No YM 2706 \$1.75 Each 500 rate
 Switch DPDT Miniature mod No SS 0821 60c Each 500 rate

You can order battery holders with switches built in (2xAA switched battery enclosure Mod No PH 9280 approx \$1.50) they are a bit easier than wiring in a separate switch and have wire included.

Wire is called Light Duty Flexible Hook -Up wire, and you would only need one 25m roll.

Any problems ring or email Ric 9457 9455

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In this photo you can see how the legs are glued to the non printed (shiny) side. Note the round/ triangular shape at the end of the wire to help it stay put in the glue. Tape the motor into position while glue dries. See [Johnno's Science](#) for movie "Jitterbugs Run Wild" or for more plans for jitterbugs and [Blobs Guide to Electric Circuits](#) click Energy and Change on Johnno's Science.



