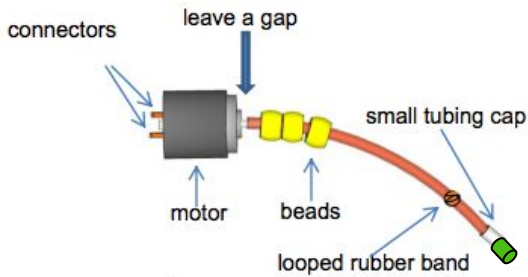


JITTERBUGS!

Student Directions

1. Answer questions #1 and 2 on the Student Worksheet.

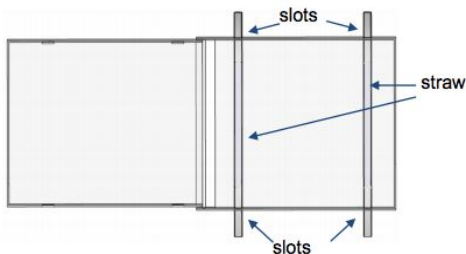


2. Assemble the motor for your Jitterbug by pushing the long, narrow tubing onto the motor shaft leaving a gap; add 3 beads, looped rubber band, and small green piece of tubing.

3. Stack 2 popsicle sticks. Add the motor so the shaft is at the end of the sticks. Loop the 2 zip ties and thread onto the tubing.



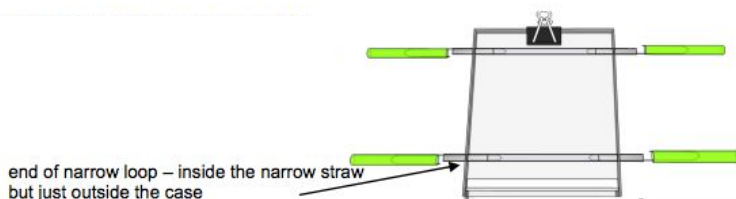
4. One at a time, push the looped zip ties over the motor and sticks. Pull the zip tie ends to tighten.



5. Assemble the body by opening the CD case and lay flat; flatten the end of a clear straw and insert through the slots in the side of CD case. Repeat with 2nd straw.

6. Cut the colored straw into 4 equal pieces.

7. Straighten a jumbo paperclip into a thin "C" as shown. Push a piece of colored straw over the wide loop of each paperclip.



8. Push the narrow loop of a paperclip into a straw end in the CD case. Stop when a small part of the narrow loop is still outside the CD case. Repeat for 3 more paperclips. Attach a small binder clip to the edge of the CD case as shown