**Whirley Gig**

1. **Round and even stick 10-20cm**
2. **Small cuts the same way up**
3. **Small stick for small toy and larger for heavier bigger toys**
4. **7-15cm long**
5. **Make holes for the stick. A small hole first then make it bigger. Assemble. Bind the sticks if needed.**
6. **Cut 1.5m of string. Send through the slots and tie to the stick.**
7. **Bottle tops can be used to help hold a loose stick**
8. **The string should be light and flexible to work well. The string must leave the stick from the same position to work well.**
9. **Make each length the same and tie at the top to make a loop. Hang away from a wall. Wind up and let it run.**
10. **A forked branch at the top will stop the sticks from hitting the strings, it must be narrower than the stick.**

Circles work best.
Animal shapes, parrot monkey, fish work well.
These can be made by mixing paper, water and glue.
This toy looks very good painted.

**Problem solving**
- If the toy will not wind up very high without hitting one side: the knot needs to be moved at the top.
- If the stick is not the same diameter on each side the top knot must be moved to compensate.
- If the toy hits one side then on the next winding hits the other the slots are not pointing in the same way on the stick.