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## Juggling Sticks

### Materials:

- Car tyre inner-tube, rectangles approximately 2 x 120mm by 240mm
- Bicycle inner-tube, 3 strips 10mm by 1+ meters
- Bamboo, 12mm diameter, juggling stick 550mm, 2 x hand sticks 430mm
- Duraseal colour strips 3 x 50mm by 450mm
- Insulation tape various colours

### Tools:

Staple gun, ruler, good scissors, permanent marker, hacksaw,

### Instructions

- 1 **Saw bamboo** to length, thickest bamboo used for juggling stick
- 2 Wrap bamboo with **duraseal** book covering
- 3 **Cut rubber strips**, cut bicycle inner-tube at valve, then into 10mm wide strips
- 4 **Mark out and cut 'flowers'** from car inner-tube. Cut tassels approx 70mm long
- 5 **Staple rubber strips** onto end of bamboo. Wrap around over staple. Stretch and spiral strip down length of bamboo, wrap two times at end of bamboo then spiral back up to beginning. Staple strip in place then cover with insulation tape. Rubber strip must be wrapped tightly so that it cannot be moved!
- 6 **Staple flowers** onto ends of juggling stick, wrap around tightly then staple again. Wrap with insulation tape. Test that flowers cannot be pulled off!
- 7 **Find balance point** in centre of juggling stick and mark with insulation tape.

### Notes:

- Bicycle inner-tube, leather or any durable fabric can be used in place of car inner-tube but should be made with a longer rectangle to add equal weight.
- If balance point is not in the center of the juggling sticks the flowers can be trimmed to even the weight.
- Make sure inner-tube strip and flowers are wrapped and secured tightly!
- Different materials can be used for the sticks. If using wooden dowel, check there are no knots in the wood.
- ENJOY

