

## Bungee Barbie: Technical Notes

### Equipment and materials

- A Barbie doll
- 30 rubber bands
- Tape measure (at least five meters)
- Blu-tack
- Camera with slow-motion (*i*-Phone)

### Method

- 1) Attach tape measure at top of the fall path (at least three meters).
- 2) Attach the first rubber band to Barbie.
- 3) Position Barbie at top of the jump, attaching the end of the rubber band to surface.
- 4) Drop Barbie, measure and record the height dropped. (Don't include the Barbie's hair in measurement. Use the top of Barbie's head or feet.)
- 5) Attach another rubber band to Barbie.
- 6) Repeat steps 3 to 5 until 30 rubber bands have been reached.



## Risk Management

---

There are minimal risks in this activity.

## Copyright and Creative Commons

---

The moral rights of the authors, Ben Loh, Rachel McNamara, Cohen Craven, Kieran Lim, and John Long, have been asserted under the Australian Copyright Act 1968 (Cth).

Excepting logos, trademarks or other third-party content as indicated, this resource is distributed under a Creative Commons 'Attribution-Non Commercial-Share Alike' 4.0 International License.

