

# Push pull

## Indigenous perspectives curriculum links

### Engage

#### Lesson 1 Moving toys

Some Indigenous people use different items as toys, including natural and synthetic objects.

In this lesson, include toys used by some Indigenous people such as:

- spinning balls made with a string and a gourd. See [www.qm.qld.gov.au/education/resources/2004/docs/aboriginal-games-and-pastimes.pdf](http://www.qm.qld.gov.au/education/resources/2004/docs/aboriginal-games-and-pastimes.pdf)
- tin can cars made with a tin can and two coathangers. See [http://www.ausport.gov.au/participating/indigenous/games/traditional\\_games/individual\\_games/imitation\\_games/thurnda-gu.pdf](http://www.ausport.gov.au/participating/indigenous/games/traditional_games/individual_games/imitation_games/thurnda-gu.pdf)

### Elaborate

#### Lesson 7 Helicopter flight tests

The Australian Indigenous scientist and inventor, David Unaipon, anticipated the helicopter in early drawings based on the principle of the boomerang.

The boomerang is a wooden Indigenous implement that has a number of uses, mainly for hunting and fighting, but also as digging sticks and as clapsticks to make music. Boomerangs can be made either to return or not to return to the thrower. There are many different types of boomerang used throughout Australia; however, boomerangs are not used in all areas.

- Explore activities with boomerangs.  
See [http://members.ozemail.com.au/~mmichie/engag\\_t&w.htm](http://members.ozemail.com.au/~mmichie/engag_t&w.htm)
- Watch the videoclip, *Number seven boomerang*.  
See [www.australianscreen.com.au/titles/karli-jalangu-boomerang-today/clip1](http://www.australianscreen.com.au/titles/karli-jalangu-boomerang-today/clip1)
- Find out more about the inventor David Unaipon.  
See [www.questacon.edu.au/indepth/clever/aboriginal\\_technology.html](http://www.questacon.edu.au/indepth/clever/aboriginal_technology.html)