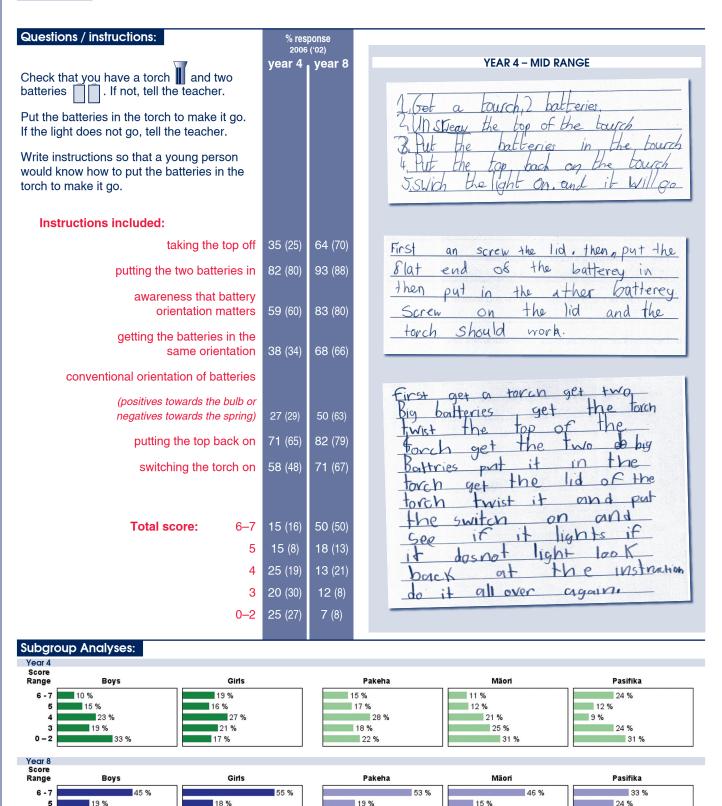
# Trend Task: Torch Approach: Focus: Resources: Assembled torch without batteries, 2 batteries



# Commentary:

14 %

Boys are often thought to be more interested than girls in how to make technological devices like torches work, but girls performed better than boys on this task. Thirty-five percent more year 8 than year 4 students gave instructions that achieved a score of six or seven. There was no meaningful change in performance between 2002 and 2006.

12 %

11 %

5 %

14 %

16 %

21 %

12 %

10 %

## YEAR 4 - HIGH RANGE

bafferies. Then torch. lick the , of top batterie. Next hatterie action top. Kepeat top on. lun torch work. IS that have done You it wrong. It you have done again.

- First you need to get 2 energizer Datteries and I torch.
- 2. You need to unscrew
  the light and put the
  batteries in make the bump
  bit face up then screw
  up the lid and turn on
  the torch.

Ist take the top of the total of.

2nd left I of the battines in with the

Flat crock at the bottom 3nd put

your and satto doing the same action

as ale not with some the lid back

on. 5th Push your button and then the

lid and try putting it back on.

### YEAR 8 - MID RANGE

put both batteries in the torch with the little round bump on the batteries facing up, screw the lid on thop of the torch, then push the switch up and if will go.

1. On the battery you will esee on one end there is a bump, put the battery in so the bump is facing up

2 get the other battery and place it on top inside the torch and have the bump on the other battery facing up

3. Turn on the torch and see if it worked

First unscrew the lid.

on the batterys you will see a flat side and a side with a little bump. Once you have found the side with a little bump put the bottery in so the bumps at the bottom.

Do the same with the other battery once both botterys are in screw the lid back on.

# YEAR 8 - HIGH RANGE

i. Take off the lid of the torch and place in the first battery with the positive Side pointing up (if you don't know the difference a positive side has a little bump on it and the negitive Side is flat) how the second battery is the same with the positive Side pointing up. Now Syew on the lod your torch should shine.

1. Twist torch top off the torch.

2. Put 2 C-sized batteries in with
the + side pointing up.

3. Twista had back on.

4. Push button up to make it
go.

I. Up screw the top of the torch.

2. Pet two 'C' stred batteries and ineat the first battery into the torch with the 't' facing you.

3. Repeat intruction two with the second battary.

4. Crab top part of tocritine part on Ran about hard on the top of the torch so of will be screwed in thore torch to on to check if battaries are in correctley.