Dropping Coins

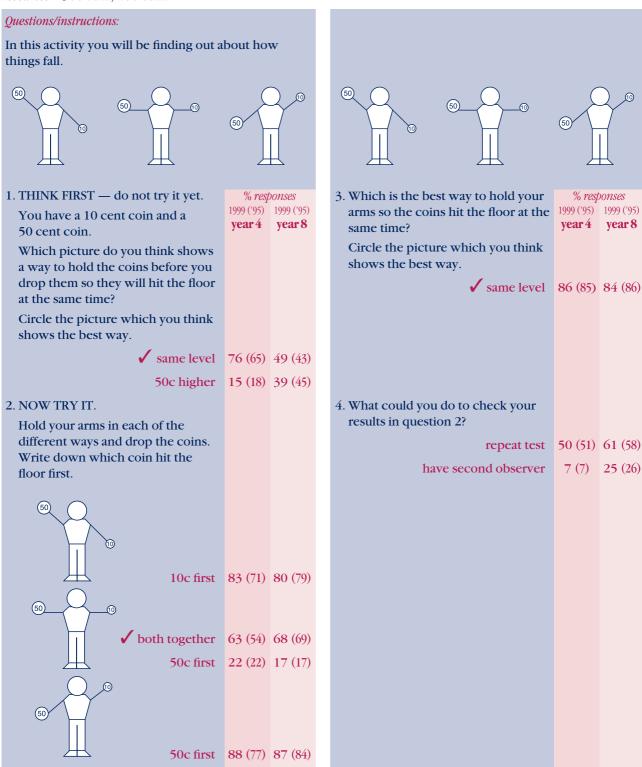
Trend task

Approach: Station

Level: Year 4 and year 8

Focus: Students demonstrate their intuition or prior learning about the effects of gravity on objects of differing mass, then carry out a practical investigation and interpret the outcome.

Resources: 50c coin, 10c coin.



Commentary:

Surprisingly, about 25 percent more year 4 than year 8 students predicted the result correctly. Year 4 and year 8 students were equally adept at conducting and interpreting the experiments. Results in 1995 and 1999 were very similar for year 8 students, but year 4 students did noticably better in 1999 than in 1995, on questions 1 & 2.