Te Whakamakere Moni — Dropping Coins

Approach: Station

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.

Questions/instructions:

% responses GEd MI

In this activity you will be finding out about how things fall.



1. THINK FIRST — do not try it yet.

You have a 10 cent coin and a 50 cent coin.

Which picture do you think shows a way to hold the coins before you drop them so they will hit the floor at the same time?

Circle the picture which you think shows the best way.

I tēnei mahi ka kitea e koe pēhea ai te makere o ētahi mea.

ĀTA WHAKAARO — kaua e whakamātauria ināianei.

He tekau hēneti me te rima tekau hēneti tāu.

Ki õu whakaaro ko tēhea te pikitia e whakaatu ana i te āhua pupuri i ngā moni i mua i te makeretanga, **kia kotahi ai te tau** a ngā moni ki te papa?

Porohitatia te pikitia e tika ana **ki a koe**.

✓ same level 54 43



Commentary:

MI (Māori Immersion) students scored statistically significantly lower than GEd (General Education) students.