

Making a Kilogram



Materials: scales, large ziplock plastic bags, dried beans

1. Work with a partner. Without using a scale fill a bag with dried beans until you predict it weighs about one kilogram.
2. Weigh the bag on a scale to determine if it is more than, less than, or exactly one kilogram.
3. Continue to add to, or remove weight from your bag until you reach one kilogram.
4. Record each attempt in a table with the headings shown below.

Attempt	Actual Weight	More than, less than, or equal to 1kg?
1		
2		
3		

5. What did you learn about one kilogram from completing this task?