

Investigations

Investigating metric conversions

Activity 1

- Cut out all of the twenty-four cards. Put aside the two blanks.
- Mix up the cards and lay them out randomly face-up in front of you.
- Pair up the cards as quickly as you can.
Aim for less than 5 minutes!
- There should be two cards left over.
- Use the two blank cards to write their equivalent – kilograms for grams or grams for kilograms.
- Mix up all the cards and try to beat your time to pair them all.



Activity 2


- Sort the cards into kilograms and grams.
- Choose the grams and put the kilograms aside.
- Using your set, write the twelve weights in order in a list, from lightest to heaviest.
- Now, beside each weight, write the equivalent number of kilograms.
- Now use the kilogram cards to check that you have got them all right!

Challenge

Create a new set of 24 cards...


- › On twelve of them write a **length in kilometres**.
- › On the other twelve write the **equivalent lengths in metres**.
- › Mix up the cards and try the activities with your new set of cards!

Place value



0.3kg	4300g	0.1kg	0.9kg
3.9kg	700g	2.4kg	500g
1300g	2.1kg	3800g	2700g

Place value



300g	4.3kg	100g	900g
3900g	0.7kg	2400g	0.5kg
1.3kg	2700g		