

Capacity Lotto – Teacher’s Notes

Objectives

- to convert metric units of capacity (ml, l)
- to multiply and divide whole numbers by 10, 100 and 1000



Main curriculum elements covered

Whole Numbers

- N1/L1.4 Multiply and divide whole numbers by 10 and 100

Fractions, decimals and percentages

- N2/L1.2 Find parts of whole number quantities e.g. $\frac{1}{2}$, $\frac{3}{4}$.

Common Measures

- MSS1/L1.4 Read, estimate, measure and compare length, weight, capacity and temperature using common units and instruments
- MSS1/L1.7 Convert units of measure in the same system
- MSS1/L2.5 Calculate with units of measure within the same system

Teaching ideas

Preparation: Laminate pages 2 and 3. Cut page 3 into individual cards. You may want to make multiple copies of some pages.

- Students play individually – timing themselves if they wish.
- Play in pairs or small groups – taking turns to remove a card from pile and placing it correctly on game board.
- Use cards on page 3 only. Ask students to sort them into ascending or descending order of capacity.
- Cut both pages into individual cards and play as a memory, matching or snap game.
- Give each pair of students a board, teacher keeps cards. Teacher picks out card from bag and shows to class (or calls out) – first team to call out its equivalent from game board get to keep the card. Team with most cards wins.
- Copy page 2 onto acetate and project onto whiteboard (or use an electronic whiteboard). Share cards on p3 (and small blobs of blutack) amongst students. Take turns coming to whiteboard and affixing cards in correct place.
- As above but omit cards. Student invited to come to whiteboard and write any equivalent measure on projected game card with a whiteboard pen.

If you use this resource please send comments or feedback to Maggie at maggie@skillsworkshop.org
If you would like an editable copy of the original Word document please attach a resource that you would like to share. THANK YOU.

Capacity Lotto




Match the tiles to the correct capacity. Remember to convert where you need to.

- 1000ml = 1 litre
- 100cl = 1 litre

1000ml	500ml	$\frac{1}{4}$ l	1l	
50cl	1l		2l	2000ml
	100cl	$\frac{1}{2}$ l	4l	Measure for medicine spoon

Capacity Lotto

Tiles to go with game (to be cut up)

1l	$\frac{1}{2}$ l	25cl	100cl	
$\frac{1}{2}$ l	1000ml		200cl	2l
	1l	50cl	400cl	5ml