

Lesson by Ms Melanie Casha

Class: Year 5

Subject: Maths

Topic: Capacity

Time allowed: 45 mins

Main Objective/s:

Students will –

- a) be able to compare and contrast different household items through the use of real objects** (Sequence and Technical)
- b) be able to develop a definition for Capacity** (Precision)
- c) be able to order items according to their Capacity** (Sequence)
- d) be able to compile a list of items: less /more than 1 litre** (Sequence and Precision)
- e) be able to make a sensible estimate** (Technical)
- f) make up a smoothie recipe** (Technical and Confluence)

Class Average Profile:

The majority of my students use Precision and Sequence at a use first level. However most of the students tend to avoid or use as needed Confluent and Technical Reasoning. This lesson builds on the strong learning patterns of the students and provides ample opportunities to develop further the Confluent and Technical learning patterns.

Devised Activities:

Starter Activity –

10 minutes

Memory Game

- The following 10 items are placed on the table:
 - bottle of water
 - handwash container
 - medicine bottle
 - milk carton
 - mug
 - perfume
 - sauce

- spoon
- teaspoon
- tube of toothpaste
- **Compare and Contrast (to introduce topic)**
 - What do all these things have in common?
 - How are these things different?

Continuation –

Students are teamed according to a mixed pattern formation.

Activity 1 (Worksheet 1)

15 minutes

1. Order the 10 items from the starter activity according to their weight.
2. Name 5 other items which hold more than 1 litre.
3. Estimate the capacity of...

Activity 2 – Smoothie Recipe

10 minutes

1. Show media clip: How to make a smoothie?
<http://allrecipes.com>
2. Brainstorming: How can you use any of the following ingredients to make a smoothie?
(banana, strawberries, milk, yoghurt, water)
3. Make-up a smoothie recipe.

Conclusion –

10 minutes

- **Groups sharing of work done in Activity 1 and Activity 2**

Extension –

1. Make a list of 5 things you find at home which hold less than 1 litre and another 5 items which hold more than 1 litre.
Write the name of the thing and its exact capacity.

2. Actual Making of Smoothie (in class)