

# Master Measuring Capacity and Volume in Millilitres B

## Rationale

In this step, pupils build upon the practical element of the previous step to record their understanding. They will use the same vocabulary and concepts as they did practically, to state capacities and volumes given in pictorial form. Drawing on their work on reading scales, they will state measurements exactly, progressing to estimating measurements that fall between intervals.

They will begin to use the abbreviation 'ml' to record capacity and volume in millilitres.



## Key Stem Sentences

- The capacity / volume is exactly \_\_\_ml.
- The value of each major / minor interval is \_\_\_ml.
- An estimation for the capacity / volume is \_\_\_ml.



## Key Vocabulary

- capacity / volume
- millilitres /ml
- estimation



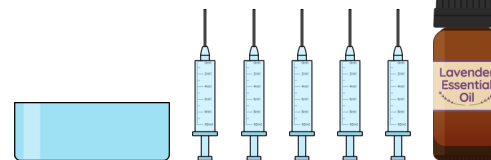
## Common Errors or Misconceptions

- Pupils may misread the scale.
- Pupils may make inappropriate estimates.

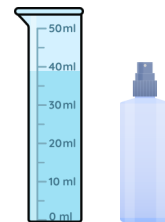


## Key Representations

### Measuring Containers



The capacity of the container is exactly 50ml.



An estimation for the volume of the body spray is 39ml.



The volume of the aftershave is exactly 75ml.



## Pupils will FLOURISH if they can...

- accurately record capacities or volumes to exact measurements.
- record capacities or volumes using the abbreviation 'ml'.
- make appropriate estimates of capacities or volumes in millilitres.
- explain their understanding using written sentences and mathematical proof.

