What is Capacity? : Maths : Year 3 : Summer Term

PlanBee

	Learning Objective	Overview	Assessment Questions	Resources
Lesson 1	To know the relationship between litres and millilitres and choose appropriate units of measurement to measure capacity.	Children will list different units of measurement and identify which can be used to measure capacity. They will explore the relationship between litres and millitres and start to think about which would be most appropriate to measure the capacity of a variety of different containers.	• Do children know which units of measurement are used to measure capacity? • Can children select appropriate units of measurement? • Can children convert litres to millilitres and vice versa?	• Slides • Worksheet 1A/1B/1C • Capacity Cards (FSD? activity only) • Answer Sheet (FSD? activity only)
Lesson 2	To be able to estimate and measure capacity.	Children will learn to use measuring jugs to measure the capacity of a variety of containers. They will use their understanding to make reasonable estimates, and check these using measuring jugs. They can also try pouring target amounts into a container, then measure to see how close they were.	• Can children give reasonable estimates? • Can children measure capacity accurately? • Can children find the difference between their estimates and the actual measurements?	• Slides • Worksheet 2A/2B/2C/2D • Variety of containers to measure (e.g. yogurt pots, cups, bowls, cans, etc.) • Measuring jugs • Funnels • Water jugs • Measurement Cards (FSD? activity only)
Lesson 3	To be able to compare and measure the capacity of a variety of objects.	Children will order and compare the capacity of a variety of everyday containers. They will estimate the order of containers, then measure their actual capacity to see how close their estimates were.	• Can children compare the capacity of different containers? • Can children order containers based on an estimate of their capacity? • Can children order containers based on an actual measurement of their capacity?	• Slides • Worksheet 3A/3B/3C • Variety of containers • Measuring jugs • Water jugs • Capacity Labels (FSD? activity only)
Lesson 4	To be able to read scales that are numbered or partially numbered.	Children will read numbered scales to the nearest division, some of which are partially numbered, to measure capacity. They will also mark given capacities on blank measuring jugs.	• Can children read scales to the nearest division? • Can children draw scales to the nearest division? • Can read partially numbered scales accurately?	• Slides • Worksheet 4A/4B/4C/4D/4E/4F • Monster Cocktail Cards (FSD? activity only)
Lesson 5	To be able to use addition and subtraction to solve problems involving capacity.	Children will solve a variety of addition and subtraction problem relating to capacity using both litres and millilitres. Children will work out how much more liquid needs to be added to reach a particular capacity, the capacity of a container after a certain amount of liquid has been removed, and other similar problems.	• Can children add in millilitres and litres? • Can children subtract in millilitres and litres? • Can children solve a variety of problems involving capacity?	• Slides • Worksheet 5A/5B/5C • Game Cards A/B/C (FSD? activity only)

NB: 'FSD? Activity only' refers to the alternative 'Fancy Something Different...?' activity within the lesson plan