Let's Measure Capacity : Maths : Year 2 : Summer Term

	Learning Objective	Overview	Assessment Questions	Resources
Lesson 1	To compare the capacities of different containers.	Children will look at the shapes of different containers and use adjectives to describe and compare them. They will then use pourable solids or water to compare the capacities of different containers, using <, > or = symbols to compare them.	• Are children able to describe different containers based on their capacity? • Can children use <, > or = symbols to compare capacities? • Are children able to order containers based on their capacity?	• Slides • Pourable solid e.g. rice/lentils • Worksheet 1A/1B/1C • Various containers for measuring • Photo Sheet 1A • Water tray or buckets of water, outside (FSD…? activity only)
Lesson 2	To compare the capacity of various containers using simple multiples.	Children will use pourable solids such as rice or lentils to compare the capacities of various containers. They will use simple multiples to compare the capacities e.g. four times bigger, half as big, etc.	• Can children use comparison language to compare containers? • Are children able to use rough comparisons to compare capacities? • Can children use simple multiples to compare capacities?	• Slides • Capacity Cards 2A/2B • Comparison Cards 2A/2B • Worksheet 2A • Photo Sheet 2A • Pourable solids e.g. rice/lentils (FSD? activity only) • Various containers of different sizes (FSD? activity only)
Lesson 3	To read and measure volumes using measuring jugs or measuring cylinders.	Children will be reminded of how to read a scale, focusing particularly on scales to show volumes of liquids. They will be shown volumes in multiples of 50 to determine and add together.	• Can children read numbered scales on measuring jugs? • Can children work out capacities that are marked, but not numbered, on measuring jugs? • Can children add volumes in millilitres?	• Slides • Bingo Pairs Cards 3A • Bingo Game Cards 3A/3B/3C • Mocktail Cards 3A (FSD…? activity only) • Measuring jugs and cups (FSD…? activity only) • Juice, carbonated water (FSD…? activity only)
Lesson 4	To measure and order capacities and volumes.	Children use and apply their learning from the previous lesson to measure and order volumes of liquid. They have the opportunity to use <, > and = symbols to compare measured volumes as well as exploring measuring scales with different intervals.	• Can children accurately measure volumes of liquid using the given scale? • Can children distinguish between volume and capacity? • Are children able to order volumes of liquid based on their own measurements?	• Slides • Container Cards 4A/4B/4C • Worksheet 4A • Various product containers with labelled volumes (see below) (FSD? activity only) • Capacity measuring equipment (FSD? activity only) • Worksheet 4B (FSD? activity only)
Lesson 5	To accurately measure and add small volumes of water.	Children will have the opportunity to add and measure small volumes to find the capacity of small containers. Alternatively they can investigate what happens when small amounts of coloured liquids are added together and the amounts of new mixtures that they make.	• Can children measure small capacities using regular measurements (such as 5 ml/teaspoon)? • Can children count in fives to work out the capacity of very small containers? • Can children write addition number sentences using the correct unit of measure (ml)?	• Slides • Worksheet 5A/5B/5C • Photo Sheet 5A • Teaspoons or 5 ml measuring spoons • Small containers e.g. jam-jar lids, shampoo-bottle tops, empty make-up containers • Plastic pipettes • Worksheet 5D (FSD…? activity only) • Food dyes (FSD…? activity only)