

Measurement – Equipment List

Level 1 (Years 0-2)	
Purchase	Collect
Assortment of cylindrical measuring jugs: <ul style="list-style-type: none"> with millilitre markings (e.g., 500mL, 740mL, 1000mL, 2000mL) unmarked 	Enough same sized glad containers or lunch boxes to fill 3 large boxes or bins 3 bins or large boxes
Scales with measurements marked in grams: - <ul style="list-style-type: none"> Balance scales (<i>if no balance scales can use coat hangers</i>) Analogue scales Digital scales 	Coat hangers (<i>if no balance scales</i>)
Sets of: <ul style="list-style-type: none"> centi-cubes (Centimetre Cubes, 1cm³) multi-link/unifix cubes blocks beads foam shapes <i>*to use as measurement units</i>	Food packets: <ul style="list-style-type: none"> 3 of different sizes, ranging from big to small same size (e.g., cans of soup, cereal boxes) <i>*to use as measurement units</i>
Set of metre rulers	Two large boxes labelled A and B per pairs of students.
Tape (<i>to make cube boxes – 1m³</i>)	Assortment small boxes (e.g., shoe boxes or smaller).
	Assortment of different and similar sized containers and boxes
	Assortment wrapped boxes (<i>represent boxes in post office</i>)
	Large pieces of cardboard/Newspapers (<i>to make 1m³ boxes</i>)
	Assortment of different shaped bottles and containers of similar size that hold water
	Empty milk bottles
	Assortment of different sized balloons
	Assortment of different balls (e.g., tennis balls, golf balls, table tennis balls)
	Bag of objects with a mass equivalent to 1kg (e.g., fruit)
	Sets of assorted pictures showing: <ul style="list-style-type: none"> different volumes (e.g., fish tank, shipping container, warehouse etc) different objects (e.g., bricks, marbles, feathers, cards, shells, flowers etc) objects that vary widely in size and mass containers in mLs or cm³
	Picture of a clay block or cheese or butter etc. with lines to show cm ³ .

Measurement – Equipment List

<u>Level 2 (Years 3-4)</u>	
<u>Purchase</u>	<u>Collect</u>
Sets of: <ul style="list-style-type: none"> • Centi-cubes (Centimetre Cubes, 1cm³) • metre rulers 	Assortment of cuboids: <ul style="list-style-type: none"> • different sized small boxes • same sized containers
Scales with measurements marked in grams and kilograms: - <ul style="list-style-type: none"> • Balance scales (<i>if no balance scales can use coat hangers</i>) • Analogue scales • Digital scales 	1m ³ cube - cardboard/newspaper (<i>for Teacher to create model</i>)
Assortment of measuring: <ul style="list-style-type: none"> • cylindrical jugs with millilitre markings (e.g., 500mL, 740mL, 1000mL, 2000mL) • cups with mL markings 	Assortment of pictures: <ul style="list-style-type: none"> • large spaces (e.g., shipping container, warehouse, hall, lounge) • of objects that vary widely in size (volume) and mass (<i>marked and unmarked with mass</i>).
	Coat hangers (<i>if no balance scales</i>)
	Assortment of containers that hold liquid (unmarked): <ul style="list-style-type: none"> • different capacities • different shapes with same capacity • empty yogurt containers marked 125g
	50mL containers ($\frac{1}{4}$ of a cup) use as measuring containers
	Bags of objects with: <ul style="list-style-type: none"> • assortment of different mass • 1kg
	Assortment of balls with both the same and different mass (<i>e.g., soccer balls, netballs, rugby balls, tennis balls, golf balls, table tennis balls, beach balls, hi-bounce balls, marbles</i>).

Measurement – Equipment List

<u>Level 3 (Years 5-6)</u>	
<u>Purchase</u>	<u>Collect</u>
Sets of: <ul style="list-style-type: none"> • Centi-cubes (Centimetre Cubes, 1cm³) • 1000cm³ cubes • metre rulers 	Assortment of cuboids: <ul style="list-style-type: none"> • variety of volumes • different shapes and sizes (small)
Scales with measurements marked in grams and kilograms: - <ul style="list-style-type: none"> • Balance scales (<i>if no balance scales can use coat hangers</i>) • Analogue scales • Digital scales 	1m ³ cube - cardboard/newspaper (<i>for Teacher to create model</i>)
Assortment of measuring tools with different marked measures: <ul style="list-style-type: none"> • cylindrical jugs • measuring cups • measuring spoons 	Assortment of pictures: <ul style="list-style-type: none"> • large spaces (e.g., shipping container, warehouse, refrigerated truck, classroom, aquarium etc.) • of objects that vary widely in size (volume) and mass (<i>marked and unmarked with mass</i>).
	Coat hangers (<i>if no balance scales</i>)
	Assortment of containers that hold liquid : <ul style="list-style-type: none"> • different shaped with a mix of different and same capacities including some that hold more than 1 litre (<i>unmarked</i>) • different shaped (eg drink bottles) that hold millilitres (mL) and litres (L)
	Bags of objects with: <ul style="list-style-type: none"> • mass equivalent to 500grams and 1kg
	Assortment of balls with both the same and different mass (<i>e.g., soccer balls, netballs, rugby balls, tennis balls, golf balls, table tennis balls, beach balls, hi-bounce balls, marbles</i>).

Measurement – Equipment List

<u>Level 4 (Years 7-8)</u>	
<u>Purchase</u>	<u>Collect</u>
Sets of: <ul style="list-style-type: none">• Centi-cubes (Centimetre Cubes, 1cm³)• 1000cm³ cubes• Multi-link/Unifix cubes	