

Let's Measure Weight: Maths : Year 2 : Spring Term

	Learning Objective	Overview	Assessment Questions	Resources
Lesson 1	To order objects by weight using appropriate language.	Children will be reintroduced to the concept of measuring and comparing weight and the key language associated with it. They use their estimating skills to compare and order unknown weights, using balance scales to check their estimations.	<ul style="list-style-type: none"> • Can children use the vocabulary heavier/lighter? • Are children able to compare two objects' weight using balance scales? • Are children able to compare and order multiple objects using balance scales? 	<ul style="list-style-type: none"> • Slides • Objects to compare weights • Several sets of boxes or containers weighing different amounts • Worksheet 1A/1B/1C • Balance scales • Photo Sheet 1A • Worksheet 1D (FSD? activity only)
Lesson 2	To measure and order weights in grams.	Children will be introduced to using standard units of measure for measuring weight. They will discuss why we use a standard unit and why we use grams to measure lighter weights. The children are challenged to use their estimating skills to think about an object's weight and use digital scales to record the accurate weight of an object. They then use their measurements to order the objects from lightest to heaviest.	<ul style="list-style-type: none"> • Can children name the units of measure used to measure weight? • Are children able to use a digital scale to measure an object's weight in grams? • Can children order objects based on their measured weights? 	<ul style="list-style-type: none"> • Slides • Various weights: 1g, 10g, 50g, 100g and 200g • Worksheet 2A/2B • Digital scales • Sets of objects less than/around 100g and others to supplement classroom objects • Teacher's Notes 2A • Photo Sheet 2A • Worksheet 2C (FSD? activity only)
Lesson 3	Estimate and compare an object's weight to a measured weight.	Children will look in more detail at kilograms and their relationship to grams. They think about which unit is more suitable for weighing a variety of objects and use the <, > and = symbols to compare different objects to 1kg.	<ul style="list-style-type: none"> • Can children compare the weight of an object to a measured weight? • Can children use <, > and = symbols to compare weights? • Can children select appropriate units of measure based on their estimation of an object's weight? 	<ul style="list-style-type: none"> • Slides • 1kg object • 100g and 1kg weights • Objects to weigh (some more than 1kg, see Teacher Notes 3A) • Teacher Notes 3A • Worksheet 3A/3B/3C • Worksheet 3D/3E (FSD? activity only) • Photo Sheet 3A
Lesson 4	To read a scale measuring weight to the nearest 100g.	Children are introduced to reading scales on kitchen spring scales. They use their knowledge and understanding of number lines to help them place and identify 100g and 1kg on the scale and count in 100s to 1000. They use their scale-reading skills to read and match scales to their weights or alternatively weigh various shopping items using spring scales.	<ul style="list-style-type: none"> • Can children read multiples of 100g on a scale? • Are children able to make suggestions about what a scale would look like showing a given weight? • Can children take measurements to the nearest 100g? 	<ul style="list-style-type: none"> • Slides • Sticky notes • Weight Cards 4A/4B • Scale Cards 4A • Scale Sheet 4A • Photo Sheet 4A • Kitchen scales • Worksheet 4A (FSD? activity only) • Shopping items (FSD? activity only)
Lesson 5	To measure amounts in g and kg.	Children are challenged to measure given amounts of objects, watching the scales closely to check for over measuring. They will discuss how to correct any mistakes they make when measuring and make sensible decisions about when a measurement is close enough or needs to be corrected.	<ul style="list-style-type: none"> • Can children read scales accurately to the nearest 100g? • Are children able to accurately measure given amounts? • Can children make suggestions about how to correct mistakes made when measuring weight? 	<ul style="list-style-type: none"> • Slides • Worksheet 5A/5B • Challenge Cards 5A • Spring scales (kitchen scales) • Objects to measure • Photo Sheet 5A • Cookie Recipe Card 5A (FSD? activity only) • Ingredients (FSD? activity only) • Digital scales (optional) (FSD? activity only)