

# What is Weight? : Maths : Year 3 : Spring Term

	Learning Objective	Overview	Assessment Questions	Resources
<b>Lesson 1</b>	To know the relationship between kilograms and grams and begin to estimate weights.	Children will explore the relationship between grams and kilograms and start to think about objects that would be most suited to being weighed in kilograms and those best weighed in grams. They will start to make estimates about weights based on their prior knowledge.	<ul style="list-style-type: none"> <li>Do the children know that 1000 grams equals 1 kilogram?</li> <li>Can they use the correct unit in estimation?</li> <li>Can they estimate reasonably accurately?</li> </ul>	<ul style="list-style-type: none"> <li>Slides</li> <li>1 kg weights</li> <li>Worksheet 1A/1B/1C</li> <li>Answer Sheet</li> <li>Variety of empty containers (FSD? activity only)</li> <li>Question Cards (FSD? activity only)</li> <li>Picture Cards (FSD? activity only)</li> </ul>
<b>Lesson 2</b>	To be able to estimate the weight of an object and check using scales.	Children will be able add weights to one side of a balance scale to make the scales balance. They will then learn how to use measuring scales accurately, and estimate the weight of a variety of classroom objects before checking their estimates by weighing each one.	<ul style="list-style-type: none"> <li>Could the children estimate?</li> <li>Could the children use appropriate units?</li> <li>Could they weigh with increasing accuracy?</li> </ul>	<ul style="list-style-type: none"> <li>Slides</li> <li>Worksheet 2A/2B/2C/2D</li> <li>Variety of objects to weigh</li> <li>Digital scales</li> <li>Balance scales (FSD? activity)</li> <li>Weights (FSD? activity only)</li> </ul>
<b>Lesson 3</b>	To be able to estimate the weight of an object and check by weighing on scales.	Children will estimate, measure and order the weight of a variety of different books. They will identify books that are heavier or lighter than another, and make increasingly accurate estimations based on their experiences.	<ul style="list-style-type: none"> <li>Could the children estimate?</li> <li>Could the children use appropriate units?</li> <li>Could they weigh with increasing accuracy?</li> </ul>	<ul style="list-style-type: none"> <li>Slides</li> <li>Variety of books</li> <li>Worksheet 3A/3B/3C/3D</li> <li>Scales</li> </ul>
<b>Lesson 4</b>	To be able to solve problems involving weight.	Children will solve problems involving weight by adding the weight of various parcels together to see if they can be safely loaded into a delivery van, based on their total weight.	<ul style="list-style-type: none"> <li>Could the children add the weights accurately?</li> <li>Could they decide if the weights were too heavy?</li> <li>Could they investigate different weights?</li> </ul>	<ul style="list-style-type: none"> <li>Slides</li> <li>Worksheet 4A/4B/4C/4D</li> <li>Picture Cards (FSD? activity only)</li> </ul>
<b>Lesson 5</b>	To be able to solve problems involving weights.	Children will solve problems involving the cost of sending various parcels based on their weight. They will learn how to work out the price of sending a parcel that is, e.g. 10 kg, if they know that it costs £20 to send 5 kg.	<ul style="list-style-type: none"> <li>Could the children calculate simple prices for parcels?</li> <li>Could they calculate more complex prices?</li> <li>Could they calculate weights from given prices?</li> </ul>	<ul style="list-style-type: none"> <li>Slides</li> <li>Worksheet 5A/5B/5C</li> <li>Boxes, cartons, padded envelopes, etc. (FSD? activity only)</li> <li>Objects to pack (FSD? activity only)</li> <li>Scales (FSD? activity only)</li> </ul>