

Let's measure!

Maths

Year 1

Lesson 3 of 5

Learning Objective		Resources
To compare the mass of objects.		Slides Worksheet 3A/3B/3C Variety of scales (FSD...? activity only) Variety of objects (FSD...? activity only) Photo Sheet 3A
Mental Oral Starter		
<ul style="list-style-type: none"> Quick-fire quiz. Which of these objects do you think will be the heaviest? 		
Teaching Input		
<ul style="list-style-type: none"> Show the children the different types of weighing scales pictured on the slide. What are they? What are they used for? Show the children the balance scales on the slide. Which animal is heavier? How do they know? Go through the explanation on the slide, then challenge the children to work out which box is heavier on the next set of balance scales. Show the children the weighing scales on the slide. How much does this box weigh? Go through the steps on the slide explaining how to read the scale. Show the children the digital scales on the slide. Which toy weighs more? How do you know? 		
Main Activity		
<u>Lower ability:</u> Provide the children with worksheet 3A. The children will use the scales to identify the heaviest items.	<u>Middle ability:</u> Provide the children with worksheet 3B. The children will use the scales to identify the heaviest items.	<u>Higher ability:</u> Provide the children with worksheet 3C. The children will use the scales to identify the heaviest items.
Fancy something different...?		
<ul style="list-style-type: none"> Provide the children with a variety of scales and objects. The children will pick two or three objects and work out which is the heaviest. Repeat this activity a few times until the children are confident using scales. As an extension, challenge them to work out which is the heaviest and which is the lightest of all the objects. Ask them to explain the method they used to solve the challenge. Did everyone agree with the object chosen to be the heaviest and the lightest? 		
Plenary	Assessment Questions	
Read the character's statement on the slide. 'Balance scales cannot be used to work out the mass of an object because they don't have any numbers.' Is this true? Think, pair share.	<ul style="list-style-type: none"> Do children know what weighing scales are? Can children use weighing scales to compare the mass of an object? Can children use weighing scales to work out the mass of an object? 	