

Let's compare length, height and mass!: Maths : Year 1 : Autumn Term

	Learning Objective	Overview	Assessment Questions	Resources
Lesson 1	To begin to understand what comparing is by comparing different lengths.	Children will be introduced to length and comparing different lengths through hands-on and interactive activities. They will enjoy comparing the lengths of animals in a veterinary as well as ordering these animals by their lengths. The children will also enjoy measuring wiggly lines to see which is longest.	<ul style="list-style-type: none"> • Are children beginning to understand how to compare different lengths? • Can children compare lengths using non-standard measures? • Do children describe lengths using specific language? 	<ul style="list-style-type: none"> • Slides • Vet Measuring • Animals • Which is Longer? • Wiggly Lines • Photo Sheet
Lesson 2	To compare and describe different heights.	Children will start to compare different heights through a variety of hands-on activities. They will enjoy lots of discussions about height through the interactive slides and enjoy ordering objects including themselves by height order.	<ul style="list-style-type: none"> • Are children beginning to understand how to compare different heights? • Can children compare heights using non-standard measures? • Do children describe heights using specific language? 	<ul style="list-style-type: none"> • Slides • String and Photo Sheet • Wiggly Lines • Vet and Zoo Measuring • Animals A/B • Which is Longer?
Lesson 3	To compare and describe different weights.	Children will begin to learn about weight, what it is and why we weigh things. The children will enjoy lots of practical activities making predictions and weighing a variety of items as well as ordering items by weight.	<ul style="list-style-type: none"> • Are children beginning to understand how to compare different weights? • Can children compare weights using scales? • Do children describe weights using specific language? 	<ul style="list-style-type: none"> • Slides • Which Weighs More?, Balance Scales and Stationery • Heavy or Light? • Weighing Parcels • Tin Foil for Space Rocks • Photo Sheet
Lesson 4	To compare and solve practical problems of the mass of different objects.	Children will have lots of fun comparing and weighing a variety of different fruits and vegetables using a balance scale and their own hands. They will enjoy solving word problems as well as ordering space rocks. Children will begin to understand that larger objects aren't necessarily the heaviest objects.	<ul style="list-style-type: none"> • Do the children understand what mass is? • Can children begin to compare the mass of two different objects? • Do children describe the mass of objects using specific language? 	<ul style="list-style-type: none"> • Slides • Fruit and Vegetables (MOS and Plenary only) • Heavy or Light? • Weighing Parcels • Which Weighs More?, Balance Scales and Stationery • Tin Foil for Space Rocks, Photo Sheet
Lesson 5	To compare and solve problems for length, height and mass.	Children to use and apply the knowledge they have acquired during the week to solve problems for Danny the decorator. The children will be selecting the correct length, height and weight of various objects to complete tasks for Danny. They will also begin to notice certain items are double or half the length of one another.	<ul style="list-style-type: none"> • Can children make comparisons between light and heavy or tall and short objects? • Can children describe what the comparisons are between objects? • Are children able to solve practical problems that involve length, height and mass? 	<ul style="list-style-type: none"> • Slides • Worksheet 5A/5B/5C • Ladders • Stationery Items • Fruit, Vegetables, Balance Scales, Paper and String • Photo Sheet