

Spring Term

Lesson 1:	Week 12
Title	Problems Involving Measures
Learning Objective:	<ul style="list-style-type: none"> ● find solutions to simple mass word problems ● understand and use words about mass.
Mental Warm Up:	Find different ways of making 4 using addition, including fractions.
Main Lesson Idea:	Today we are going to find some possible solutions to a problem related to mass.
Educational Challenges	<ul style="list-style-type: none"> ● The postman is carrying 5kg of parcels. Work out how many parcels he could be carrying and how much each could weigh. ● In pairs, find different combinations of masses to make 5kg. ● In pairs, find different combinations of masses to make 5kg.

Lesson 2:	Week 12
Title	Problems Involving Measures
Learning Objective:	<ul style="list-style-type: none"> ● find solutions to simple mass word problems ● explain ways of working ● understand and use words about mass.
Mental Warm Up:	Copy out numbers and words.
Main Lesson Idea:	Today we are going to calculate the cost of sending letters of different mass.
Educational Challenges	<ul style="list-style-type: none"> ● Make a poster showing the cost of sending letters of different mass if a 5g letter costs 10p to send. ● Calculate the cost for letters of different mass. Include some other values of your own.

Lesson 3:	Week 12
Title	Problems Involving Measures
Learning Objective:	<ul style="list-style-type: none"> ● find solutions to simple mass word problems ● understand and use words about mass ● understand equivalence.
Mental Warm Up:	Give as many different totals as possible by adding all or some of the numbers.
Main Lesson Idea:	Today we are going to investigate different totals we can make using some given weights.
Educational Challenges	<ul style="list-style-type: none"> ● How many ways can you make 50g? Use a balance and 20g, 10g and 5g weights. ● Calculate different weight totals using 50g, 20g, 10g and 5g weights. ● Calculate different weight totals using 100g, 50g, 20g, 10g and 5g.

Lesson 4:	Week 12
Title	Handling Data
Learning Objective:	<ul style="list-style-type: none"> ● solve problems involving collecting, organising and interpreting data ● record data using simple tables ● explain results.
Mental Warm Up:	Today we are going to be finding out what sorts of things children would prefer to do. Read the following poem.
Main Lesson Idea:	Today we are going to be finding out what sorts of things children would prefer to do.
Educational Challenges	<ul style="list-style-type: none"> ● Choose four of the options from 'Would you rather...' ● Find out which would be the least popular by asking other class members. ● Record the names of the children you ask.

Lesson 5:	Week 12
Title	Handling Data
Learning Objective:	<ul style="list-style-type: none"> ● solve problems involving information ● record findings as a block graph ● explain results.
Mental Warm Up:	Make number sentences using three of the numbers.
Main Lesson Idea:	Today we are going to be representing information as a block graph.
Educational Challenges	<ul style="list-style-type: none"> ● Work in the same groups as in the last lesson. ● Make up four unlikely 'options' that you think your friends would like to do. ● Make a tally chart. ● Make a block chart on graph paper. ● What did you find out?