

LEARNING OBJECTIVES

Year 2

Big Maths number work based on Friday assessments.

Maths No Problem:

Chapter Overview

In this chapter pupils will get a better understanding of how to measure length. They will begin by understanding what a metre is & what centimetres are & then progress to using them in real-life contexts.

- Lesson 1 - Measuring Length in Metres
- Lesson 2 - Measuring Length in Centimetres
- Lesson 3 - Comparing Length in Metres
- Lesson 4 - Comparing Length in Centimetres
- Lesson 5 - Comparing the Length of Lines
- Lesson 6 - Solving Word Problems
- Lesson 7 - Solving Word Problems
- Lesson 8 - Solving Word Problems
- Lesson 9 - Chapter Consolidation

Chapter Overview

This is a large unit on fractions. It provides a review of previously-learnt concepts & extends pupils to find fractions of whole numbers / quantities by the end of the unit. The unit begins by having pupils make equal parts: focusing on making halves, quarters & thirds. Then pupils learn to name fractions of the same denominations. After this, pupils learn about equal fractions, primarily looking at halves & quarters. They then move on to comparing & ordering fractions & counting wholes & parts. Pupils learn to count in quarters & thirds, finishing the unit by finding parts of a set and part of a quantity.

- Lesson 1 - Making Equal Parts
- Lesson 2 - Showing Half and Quarter
- Lesson 3 - Showing Quarters
- Lesson 4 - Showing Thirds
- Lesson 5 - Naming Fractions
- Lesson 6 - Making Equal Fractions

- Lesson 7 - Comparing & Ordering Fractions
- Lesson 8 - Comparing & Ordering Fractions
- Lesson 9 - Counting Wholes & Parts
- Lesson 10 - Counting in Halves
- Lesson 11 - Counting in Quarters
- Lesson 12 - Counting in Thirds
- Lesson 13 - Finding Part of a Set
- Lesson 14 - Finding Part of a Set
- Lesson 15 - Finding Part of a Set
- Lesson 16 - Finding Part of a Quantity
- Lesson 17 - Chapter Consolidation

Year 3

Big Maths number work based on Friday assessments.

Maths No Problem:

Chapter Overview

This chapter covers multiplying by a 2-digit number. The first few lessons look at decomposing a number into tens & ones so that the multiplication is easily managed & pupils can see the concept using Base 10 blocks. Lessons move onto multiplying where regrouping is necessary before pupils start to look at division. Decomposing numbers is critical in making both multiplication & division manageable for pupils & this is practised throughout the chapter. Once pupils master multiplication & division, they focus on solving problems using the multiplication & division methods dealt with in previous lessons.

- Lesson 1 - Multiplying 2-Digit Numbers
- Lesson 2 - Multiplying 2-Digit Numbers
- Lesson 3 - Multiplying 2-Digit Numbers
- Lesson 4 - Multiplying with Regrouping
- Lesson 5 - Multiplying with Regrouping
- Lesson 6 - Simple Dividing
- Lesson 7 - Dividing with Regrouping

- Lesson 8 - Dividing with Regrouping
- Lesson 9 - Solving Word Problems
- Lesson 10 - Solving Word Problems
- Lesson 11 - Solving Word Problems
- Lesson 12 - Chapter Consolidation

Chapter Overview

In this chapter, pupils will spend an extended period exploring and working with fractions. As they will be exploring fractions in greater depth than in the previous curriculum, the greatest number of lessons in Year 3 has been devoted to fractions. Pupils will begin the chapter by counting in tenths and then making number pairs (the fraction equivalent to number bonds) before moving on to adding and subtracting fractions. Pupils will explore equivalent fractions and look at simplifying fractions before comparing fractions with different denominators. Towards the end of the chapter, pupils will be finding fractions of whole numbers as part of a set and looking at sharing 1 and more than 1. The chapter wraps up by applying content knowledge to sophisticated word problems.

- Lesson 1 - Counting in Tenths
- Lesson 2 - Making Number Pairs
- Lesson 3 - Adding Fractions
- Lesson 4 - Adding Fractions
- Lesson 5 - Subtracting Fractions
- Lesson 6 - Finding Equivalent Fractions
- Lesson 7 - Finding Equivalent Fractions
- Lesson 8 - Finding Equivalent Fractions
- Lesson 9 - Finding Equivalent Fractions
- Lesson 10 - Finding Equivalent Fractions
- Lesson 11 - Finding Equivalent Fractions
- Lesson 12 - Finding the Simplest Fraction
- Lesson 13 - Finding the Simplest Fraction
- Lesson 14 - Finding Equivalent Fractions
- Lesson 15 - Comparing Fractions
- Lesson 16 - Comparing Fractions
- Lesson 17 - Comparing Fractions

- Lesson 18 - Adding Fractions
- Lesson 19 - Subtracting Fractions
- Lesson 20 - Subtracting Fractions
- Lesson 21 - Finding Part of a Set
- Lesson 22 - Finding Part of a Set
- Lesson 23 - Finding the Fraction of a Number
- Lesson 24 - Sharing One
- Lesson 25 - Sharing More Than 1
- Lesson 26 - Sharing More Than 1
- Lesson 27 - Sharing More Than 1
- Lesson 28 - Solving Word Problems
- Lesson 29 - Solving Word Problems
- Lesson 30 - Solving Word Problems
- Lesson 31 - Chapter Consolidation