

LEARNING OBJECTIVESYear 2

Big Maths number work

Maths No Problem:

Chapter Overview

This chapter looks at addition and subtraction using number bond diagrams as well as the standard column method. Pupils will be taken through each lesson with slight variations in the learning objects so that they can reach a level of mastery.

Lessons in Chapter 2

- Lesson 1 - Simple Adding
- Lesson 2 - Simple Adding
- Lesson 3 - Simple Adding
- Lesson 4 - Simple Adding
- Lesson 5 - Adding with Renaming
- Lesson 6 - Adding with Renaming
- Lesson 7 - Simple Subtracting
- Lesson 8 - Simple Subtracting
- Lesson 9 - Simple Subtracting
- Lesson 10 - Simple Subtracting
- Lesson 11 - Subtracting with Renaming
- Lesson 12 - Subtracting with Renaming
- Lesson 13 - Addition of Three Numbers
- Lesson 14 - Chapter Consolidation

Chapter Overview

This chapter investigates the multiplication of 2, 5 and 10. Pupils will also have the opportunity to understand what multiplication means and what it looks like. Patterns in multiplication and commutative law are also covered in this chapter.

Lessons in Chapter 3

- Lesson 1 - Multiplication as Equal Groups
- Lesson 2 - 2 Times Table
- Lesson 3 - 2 Times Table
- Lesson 4 - 5 Times Table
- Lesson 5 - 5 Times Table
- Lesson 6 - 10 Times Table
- Lesson 7 - 10 Times Table
- Lesson 8 - Multiplying by 2, 5 and 10
- Lesson 9 - Multiplying by 2, 5 and 10
- Lesson 10 - Solving Word Problems
- Lesson 11 - Chapter Consolidation

Chapter Overview

This chapter focuses on both the multiplication and division of 2, 5 and 10. Pupils will look at different ways of sharing, including sharing and grouping before covering division by 2, 5 and 10. Pupils will also investigate links between multiplication and division and odd and even numbers.

Lessons in Chapter 4

- Lesson 1 - Grouping
- Lesson 2 - Sharing
- Lesson 3 - Dividing by 2
- Lesson 4 - Dividing by 5
- Lesson 5 - Dividing by 10
- Lesson 6 - Multiplication and Division
- Lesson 7 - Solving Word Problems
- Lesson 8 - Odd and Even Numbers
- Lesson 9 - Chapter Consolidation

Year 3

Big Maths number work

Maths No Problem:

Chapter Overview

This chapter covers addition and subtraction. The chapter starts off with simple addition before moving on to addition where renaming is required. Subtraction is also covered in a similar way where simple subtraction is mastered before moving to subtraction where renaming is required. Once pupils master addition and subtraction, they start to look at problem solving questions and practice using bar models.

Lessons in Chapter 2

- Lesson 1 - Addition and Subtraction Facts
- Lesson 2 - Simple Adding
- Lesson 3 - Simple Adding
- Lesson 4 - Simple Adding
- Lesson 5 - Simple Adding
- Lesson 6 - Adding with Renaming
- Lesson 7 - Adding with Renaming
- Lesson 8 - Adding with Renaming
- Lesson 9 - Adding with Renaming
- Lesson 10 - Adding with Renaming
- Lesson 11 - Simple Subtracting
- Lesson 12 - Simple Subtracting
- Lesson 13 - Simple Subtracting
- Lesson 14 - Simple Subtracting
- Lesson 15 - Simple Subtracting
- Lesson 16 - Subtracting with Renaming
- Lesson 17 - Subtracting with Renaming
- Lesson 18 - Subtracting with Renaming
- Lesson 19 - Subtracting with Renaming

- Lesson 20 - Using Models
- Lesson 21 - Using Models
- Lesson 22 - Using Models
- Lesson 23 - Using Models
- Lesson 24 - Chapter Consolidation

Chapter Overview

In this chapter, pupils will cover the multiplication and division of 3, 4 and 8. Pupils will then get to use their experience of multiplication and division to solve word problems.

Lessons in Chapter 3

- Lesson 1 - Multiplying by 3
- Lesson 2 - Multiplying by 3
- Lesson 3 - Multiplying by 4
- Lesson 4 - Multiplying by 4
- Lesson 5 - Multiplying by 4 and 8
- Lesson 6 - Multiplying by 8
- Lesson 7 - Multiplying by 8
- Lesson 8 - Dividing by 3
- Lesson 9 - Dividing by 4
- Lesson 10 - Multiplying and Dividing
- Lesson 11 - Dividing by 4 and 8
- Lesson 12 - Solving Word Problems
- Lesson 13 - Solving Word Problems
- Lesson 14 - Solving Word Problems
- Lesson 15 - Solving Word Problems
- Lesson 16 - Chapter Consolidation