

Contents

Title	Activity	Page
Introduction.....		4
Year 1		
Counting forwards and backwards in ones	1, 2, 3	5–7
Counting in multiples of 2, 5 and 10	1, 2, 3	8–10
One more or one less	1, 2, 3	11–13
Reading numbers	1, 2, 3,	14–16
Writing numbers	1, 2, 3	17–19
+ and – bonds to 20	1, 2, 3	20–22
+ and – within 20	1, 2, 3	23–25
Simple multiplication and division	1, 2, 3, 4, 5, 6	26–31
Year 2		
Counting forwards and backwards in steps of 2, 3, 5 and 10	1, 2, 3, 4, 5, 6	32–37
Place value tens and ones	1, 2, 3, 4, 5	38–42
Reading numbers to 100	1, 2, 3,	43–45
Writing numbers to 100	1, 2, 3	46–48
Number facts to 20 and 10s to 100	1, 2, 3, 4	49–52
Add and subtract 2-digit and 1-digit	1, 2, 3, 4, 5, 6	53–58
Add and subtract 2-digits and a multiple of ten	1, 2, 3, 4, 5	59–63
Add and subtract two 2-digit numbers	1, 2, 3, 4, 5	64–68
Add three 1-digit numbers	1, 2, 3, 4, 5, 6	69–74
Add and subtract missing number inverse	1, 2, 3, 4, 5, 6	76–80
Multiples of 2, 5 and 10	1, 2, 3, 4, 5	81–85
Multiplication and division problems	1, 2, 3, 4, 5, 6	86–91
Recognise fractions	1, 2	92–93
Answers		94–96
Assessment checklist.....		97

Introduction

The aim of the 'Sum Fun' series is to enable teachers to gather evidence and assess children's learning in maths.

Linked to year group objectives from the new September 2014 curriculum, each fun activity sheet requires pupils to use their mathematical skills to solve a series of questions. They must then use the answers to 'crack the code' and find the solutions to silly jokes, puns and riddles. The activities use Assessment for Learning techniques, such as child friendly 'I can ...' statements at the top of each sheet, so that pupils can be clear about the learning objective; they also encourage self-assessment because if a solution doesn't make sense, pupils will need to spot and correct their mistakes. Quick reference answer pages are provided for the teacher at the back of the book, or to enable pupils to self-mark. There are several sheets per objective so that each one can be tested at different points in the year if necessary, without repetition of the same questions and jokes. This could be at the end of a unit of work, or as a one-off assessment task. The assessment checklist on page 97 will help you to keep track of children's progress.

The activities are in a fun format that children soon become familiar with and look forward to solving, promoting high levels of pupil engagement. Children are motivated by the fun element of the jokes and will compete to be the first to get the answer!

As well as an assessment tool, the sheets can be used as independent tasks in everyday lessons. They are clearly linked to year group objectives from the new curriculum, providing an easy way of differentiating group or individual activities without any extra work for the class teacher! They make good whole class starter or plenary activities on an interactive whiteboard, or could just be used as fun 'time fillers'!