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Australian Dot to Dot Maths is a versatile and fun workbook that is equally successful either in the home or in the classroom.

Children are endlessly fascinated by 'discovering' the picture revealed by joining the dots but at the same time they are practising counting and number patterns that will be invaluable in more formal maths later on. It is also makes an excellent individual workbook for children to use at home as an extension to the maths being taught at school. It is also an invaluable aid to teachers in providing maths exercises for each student to work with either during lessons or for homework.

There are two sections:

Number Patterns

This section contains exercises involving counting and skip-counting patterns. The beginning of a pattern is provided and then blank spaces follow so the child can continue the pattern. The last number is also given for self correction. The child should complete the maths problems first and then connect the dots in the order of the pattern. The first three pages involve ordinary counting. Some other skip-counting patterns are very familiar (such as 2, 4, 6, 8 and 5, 10, 15, etc.) and some are more difficult (such as 1, 3, 5, 7 and 7, 14, 21). In some of these more difficult counting patterns, more numbers are provided so the child can self check throughout the exercise.

Operations

The second section involves solving problems using the operations of addition and subtraction. First the child solves all the problems on the page and writes the answers. Then the child writes the letter of each problem below the number in the pattern that matches the answer of the problem. For example, if the answer to problem E is 5, the letter "E" is written in the blank space below "5". Then the dots are connected by letter, starting with the first letter in the pattern and continuing in the order in which the letters are written in that pattern. The child will not be connecting the letters in alphabetical order.

The solution key on page 32 gives a list of the letters in the order in which they are to be connected for each of the pages in the Operations section of the book.



In order to disguise the final picture, some of the pages include extra dots which will not be used. Those extra challenging pages are marked with the sign shown above. The sign will caution the child that not all dots on that page will be connected. The child will complete the number or letter pattern on the page and will then connect only the numbers or letters that appear in the pattern, ignoring all other dots.



TABLE OF CONTENTS

Introduction	3
Using Dot to Dot Maths	4
Number Patterns	
Counting by Ones	5-7
Counting by Twos	8-10
Counting by Fives	11-12
Counting by Tens	13-14
Other Skip-Counting Patterns	15-21
Operations	
Addition	22-26
Subtraction	27-31
Solutions	32

INTRODUCTION

Australian Dot to Dot Maths is a series of maths exercises in the format of entertaining dot-to-dot pictures. Primary school children will enjoy completing number patterns and solving addition and subtraction problems in order to complete the pictures. The activities are self-checking in that the child must complete the patterns or solve the problems correctly to connect the dots in the right sequence to create a picture. The picture may be coloured once the problem has been completed.

An important task for all children is to master the basic arithmetic facts. An even more important task for teachers and parents is to maintain a child's interest in mathematics while providing worthwhile practice in solving arithmetic problems.

While enjoying the mathematical challenge of **Australian Dot to Dot Maths** children can enjoy identifying each of the Australian animals as they emerge from the dots.