A Year 8 workbook based on Level 4 of the New Zealand Mathematics & Statistics Curriculum

Dragon Maths 6

A Mathematics Workbook

W. Geldof

2 Contents

NUMBER and ALGEBRA

Chapter 1 - Whole Numbers

Chapter 2 - Number Facts

Chapter 3 - Decimals

Chapter 4 - Fractions

Chapter 5 - Algebra

Chapter 6 - Number and Algebra

GEOMETRY and MEASUREMENT

Chapter 7 - Measurement
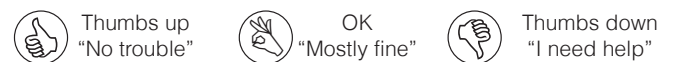
Contents 3

Introduction

STATISTICS

Note to Teachers and Parents

The Dragon Maths series includes appropriate work for the strands Number and Algebra, Geometry and Measurement, and Statistics from the *New Zealand Mathematics and Statistics Curriculum*.

Dragon Maths 6 is written for the majority of pupils in Year 8. It covers curriculum Level 4 and the Advanced Multiplicative Stage (Stage 7) of *The Number Framework*.

The chapters in this book follow the order of the curriculum document but it is not suggested that the work be done in this order. Teachers may wish to break up the number chapters. A possible working order may be : Whole Numbers, Number Facts, Geometry, Decimals, Measurement, Fractions, Algebra and Statistics. Once a chapter has been completed the skills learnt need to be practised regularly for the remainder of the year.

On the top of each page you will find the feedback icons :

Thumbs up "No trouble"   OK "Mostly fine"   Thumbs down "I need help"

These are provided for pupils to let their teacher know how well they've managed the work on that page. Encourage your pupils to colour the icon that most closely reflects how they are coping and you will have a valuable window on their attitude towards this maths topic.

I hope you and your students have fun working through Dragon Maths 6 this year. Remember Sigma also has a Secondary mathematics workbook series, so able students may benefit from working through *'On Track 1'*, the first book in this series, when they complete this book.

Wiesje Geldof