# Introduction

Let's Measure Up! - Book II, covers the measurement topics of: Volume, Mass and Area. The first part of the series, Book I, looks at Length, Time and Perimeter. The activities are designed as extension/independent tasks or can be used as a base for teachers to add further activities.

Let's Measure Up! can be used in two ways:

- teachers use the activities for the whole class or small groups. Where needed sheets can be photocopied for all students;
- pages can be used as activity/learning centers.
  Teachers choose a topic and copy the sheets.
  Copied activities can be laminated for future use.
  Students visit the learning center, select an activity and complete it. They then show the teacher the activity card and their results.

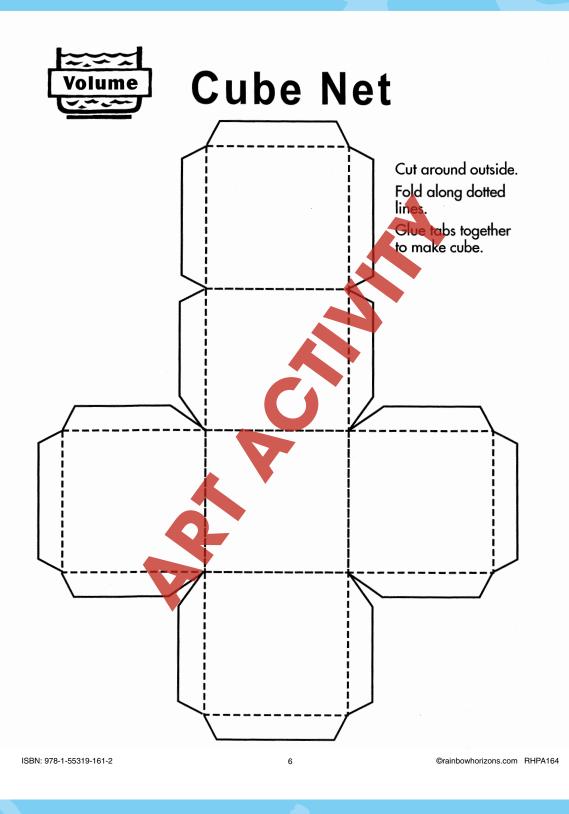
All activities have been used in a variety of classrooms and have been successful.

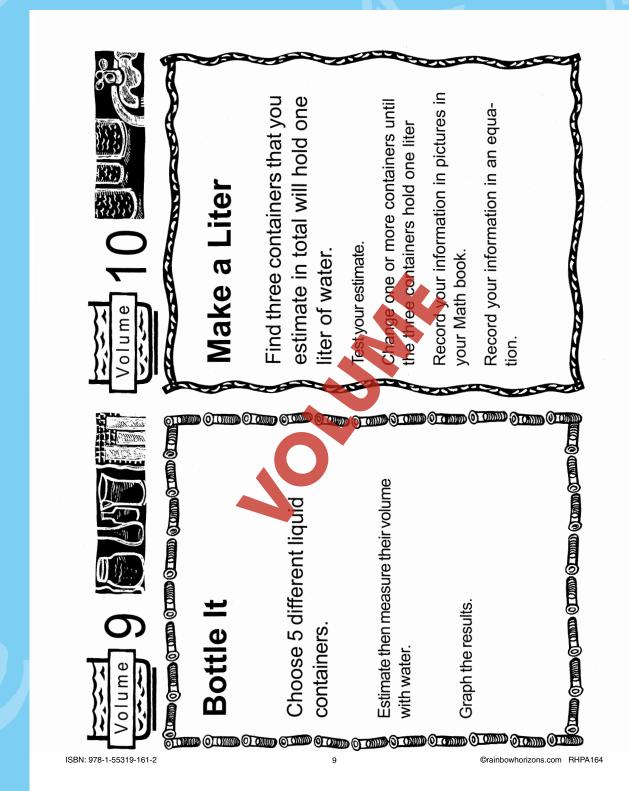
The activities require only simple Math materials such as blocks, rulers, centimeter cubes etc. that can be found in most classrooms.

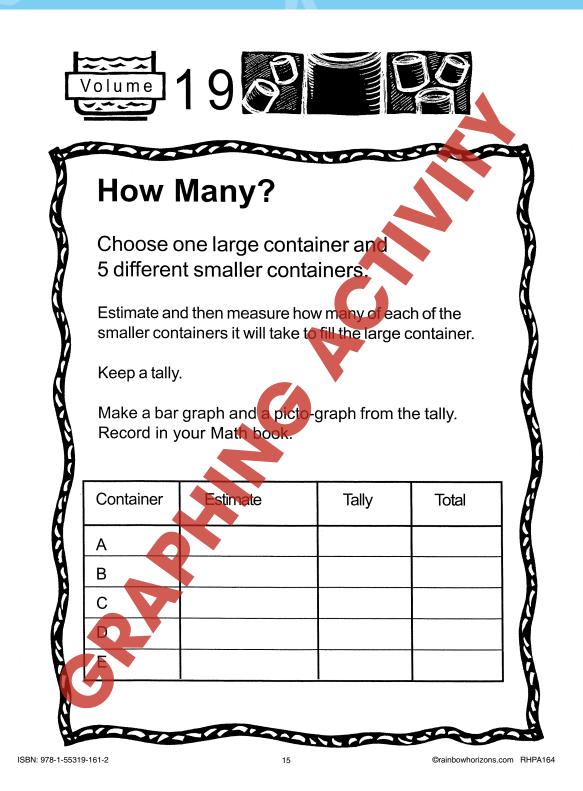
I hope that you find this book a practical and useful addition to your teaching program.

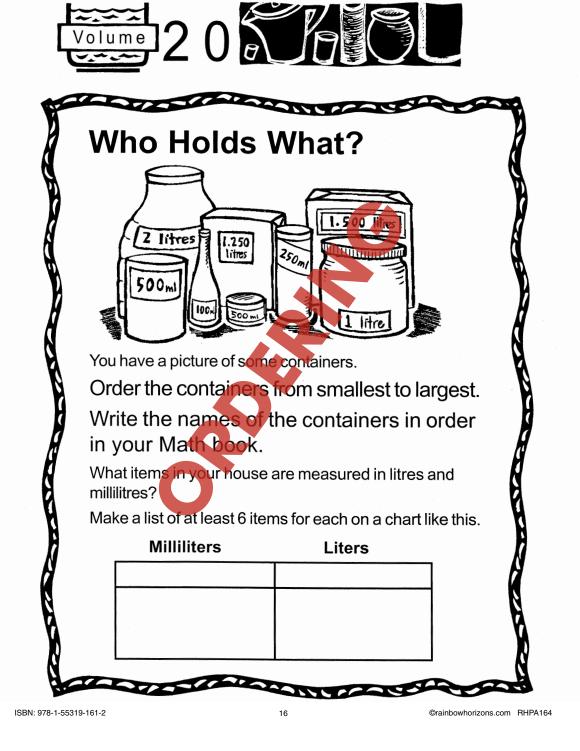
Rob Nelson

**Teachers** - please note that inaccurate photocopying could change the dimensions of some shapes in these resources.



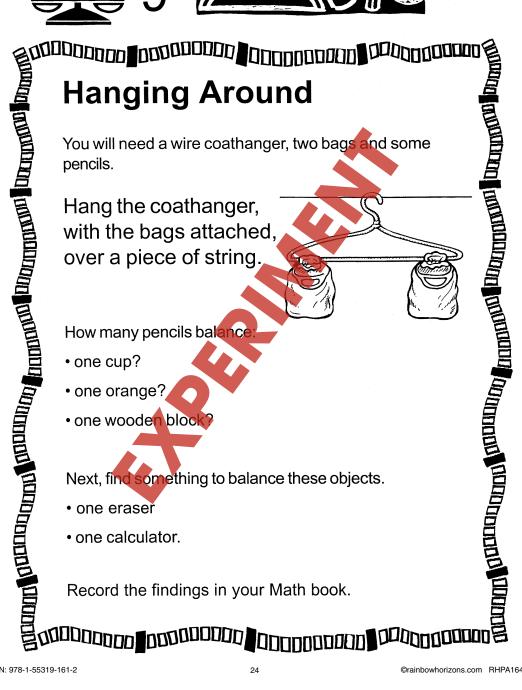












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## **Find Out**

Guess the weight of these items and then weigh them with a balance.

Don't forget to write them in grams (g) or kilograms (kg).

em	Estimate	Actual Weight
Your left shoe		
Folder		
A book		
A piece of chalk		
Glue bottle		
Box of chalk		
Rock		
Exercise book		
Tennis ball		
lecord the results	in your Math bo	ook.

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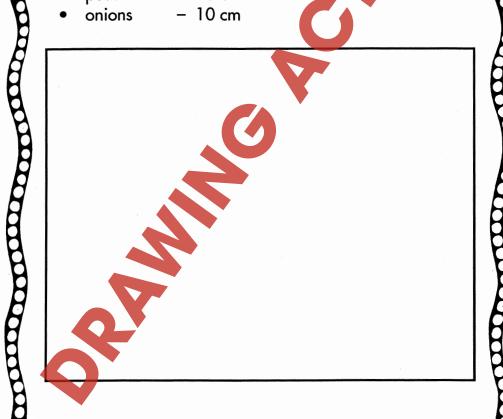




## **Vegie Garden**

You have to draw a plan of a vegetable garden. Trace over the 200cm<sup>2</sup> rectangle below. Then find and colour areas for each of the vegetables as listed below:

- potatoes
- $-70 \, \mathrm{cm}$
- 50 cm carrots
- peas
- $-40\,\mathrm{cm}$
- beans
- 30 cm



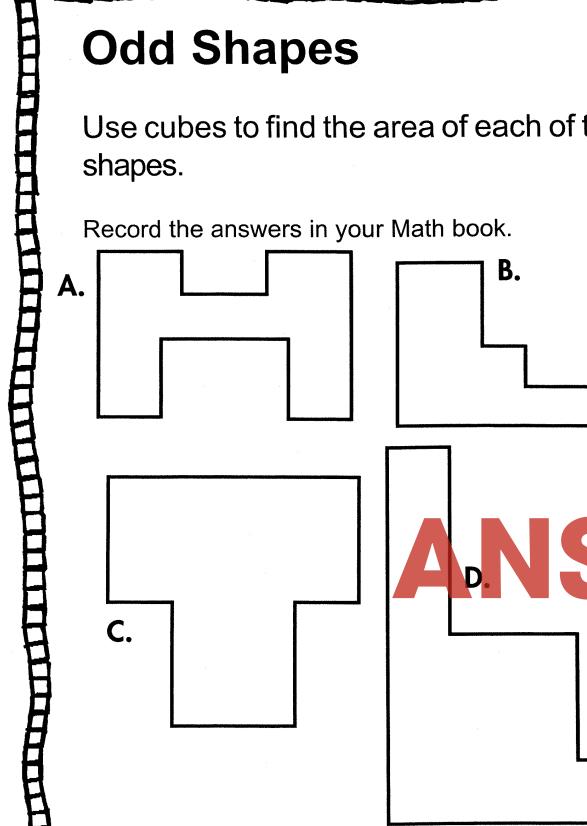
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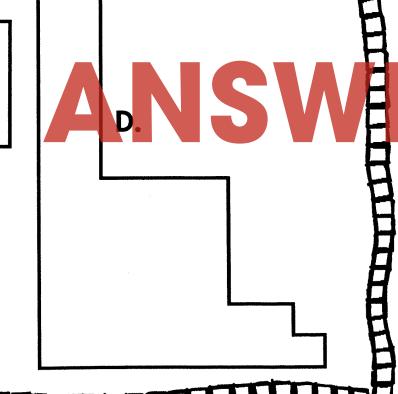


# **Odd Shapes**

Use cubes to find the area of each of these shapes.

Record the answers in your Math book.







**ACTIVITY** 

That's Handy!

Shape Up

Twelve

Table It On the Tiles

Shapes

Lefovers

3 Cojects

Vegie Garden Rule an Area

Lend a Hand!

**ACTIVITY** 

A Square Meter

Pattern It

**Odd Shapes** 

Our House

Put it Together

5 Shapes

Arrange by Area

Rogue's Gallery

Geometric Areas

How Big? 100cm

### swers for Area Questions

Answer for 1cm cubes A-45. B-100. C-143. D-72.

Answer for 1cm cubes A-36. B-35. C-36. D-42.

A-16. B-12. C-27. D-35.

Laundry (6cm); Study (10cm); Bathroom (10.5cm); Kitchen (13.5cm); Family (22.5cm); Bedroom 2 (22.5cm); Main Bedroom (24cm); Lounge (54cm).

30 cubes.