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Book 3 - Ages 7/8

Measurement in Mathematics Series

Practical measuring activities for the
classroom.

Written by Robyn Willey. Illustrated by Rod Jefferson.

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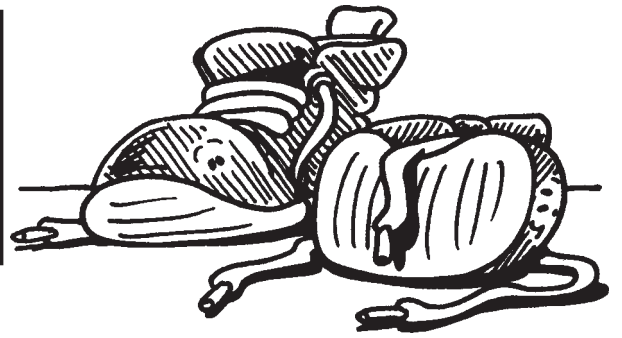
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Name

Measuring in Metres

What you need: 1 metre measure
shoes
ruler
orange rods
reading book



Work in pairs.

Record your estimate first, and then use the 1 metre measure.

How many shoes in one metre?

How many rulers in one metre?

How many orange rods in one metre?

How many reading books in one metre?

ESTIMATE	TOTAL NUMBER
.....
.....
.....
.....

Challenge:

Find 3 things that are less than one metre in length.

.....
.....

Find 3 things that are about one metre in length.

.....
.....

Find 3 things that are more than one metre in length.

.....
.....

Name

Measuring Time

What you need: pencil and paper
1 minute timer
skipping rope
tennis ball



Work in groups of 3 or 4.

- How many times can you do each of the following tasks in one minute?**
Write your estimate for each task and then take turns to do each task for one minute.

How many times can you...	ESTIMATE	HOW MANY?
Print your name?		
Draw happy faces? 😊		
Bounce and catch a ball?		
Skip with a rope?		
Do step-ups?		

Challenge:

Find out what we measure in minutes in daily life.

.....

.....

.....

Name

Reading a Calendar

**Teachers:
Paste any
calendar
month in
this space.**

1. What month is the calendar showing?
2. How many days are there in the month?
3. How many Wednesdays are there?
4. On what dates does Friday fall?
5. What is the date of the first Monday of the month?
6. What is the date of the last Saturday of the month?
7. Write the day on which the following dates fall.

21st 15th

3rd 30th

10th 17th

Challenge:

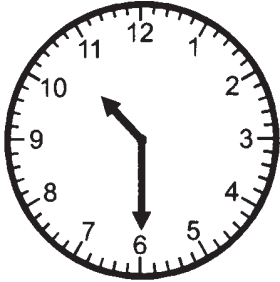
Find another calendar month and complete the activities for that month.

Name

Telling the Time 2

Use the TV guide from page 16.

Write the names of programmes that start at the times shown.

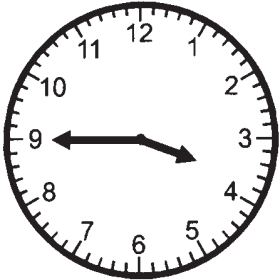


1.

What is the next programme:

.....

What time does it start?

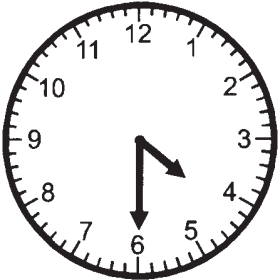


2.

What is the programme before this one?

.....

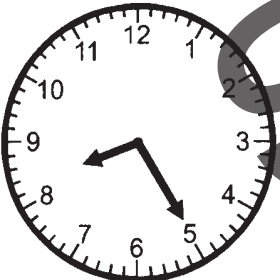
What time does it start?



3.

How long does this programme last?

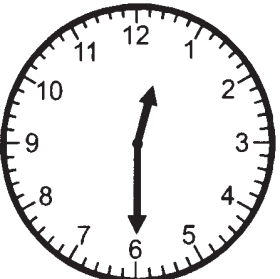
What time does it finish?



4.

How many minutes does this programme last?

What time does the next programme start?



5.

How long does this programme last?

What time does the next programme start?

Challenge:

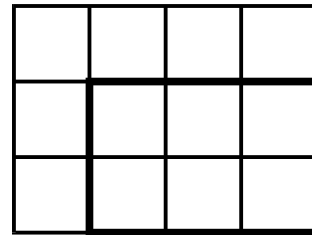
Name 3 programmes that run for 30 minutes.

.....

Name

Measuring Area

What you need: 1 cm grid paper



- Draw a rectangle on the grid paper.
Count the 1 cm squares inside your rectangle.

..... 1 cm squares.

This is the area of your rectangle.

- Draw a rectangle that is bigger than your first one.

What is the area of this rectangle?

What is the difference between the areas of the first rectangle and the second rectangle?

- Draw a square on the grid paper.

What is the area of the square?

- Make up a different shape.

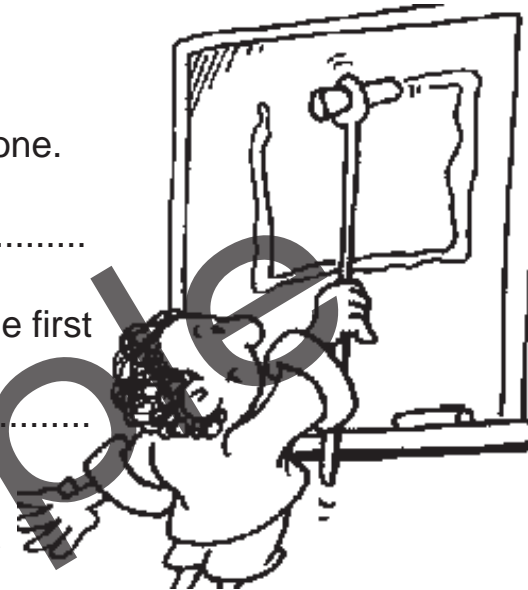
What is the area of your new shape?

- Draw a triangle on the grid paper.

What is the area of the triangle?

- Explain how you worked out the area of the triangle.

.....
.....
.....



Challenge:
Use the 1 cm grid paper to find the area of the cover of your reading book.