4:03 Making a square metre

(Area)

Syllabus reference:

Teaching notes:

Heading: After discussing the teaching point, the statement in the heading could be completed.

- **Teaching box:** Two children are making a square metre from Base 10 flats. Have students complete the square metre by drawing in the remaining flats.
- *Question 1:* Before proceeding, students should discuss how the class might make a square metre using newspaper. Once the square metre is made, discuss questions like how many children can stand, ... sit, on a square metre. Ask: *Does the number of students change if the shape of the square metre changes?*
- Have students use a square metre made of paper to find surfaces smaller and larger than 1 m^2.
- Have students fold the square metre made of paper to show $\frac{1}{2}m^2$, $\frac{1}{4}m^2$. Students can find further fractions of $1m^2$. This exercise will help determine answers to Question 3.

Comments

Language:

square metres, m^2, surface area

Resources:

newspaper or large sheets of paper, metre ruler, Base 10 flats, scissors, tape

Registration and evaluation:

Date: _____

On Your Mark Maths 4