

## PRIMARY SCHOOL RESOURCES: EARLY YEARS (YEAR 1 – YEAR 3)

### LEARNING EXPERIENCE – HOW FAR IS 6 KILOMETRES?

SUBJECT AREA	Maths and Science
EXPLICIT LEARNING PURPOSE	Units of measurement: Introduce the concept of kilometres
KEY LANGUAGE / VOCABULARY	Kilometres, metres, centimetres
WARM UP (10min)	<p><b>Measure and Predict</b> Teacher to mark out a line with masking tape on the floor. As a class, allow the children to predict how many steps the line is. **Use a child/teacher to demonstrate and allow the class to count together.</p> <p><b>Discuss</b> Discuss predictions and the answer. Incorporate centimetres and metres into the discussion. <i>1 step is 1 metre = 100 centimetres (teacher to draw on board – markers of 10cm intervals)</i></p> <p>What is a kilometre? What does kilo mean? **greek definition ‘thousand’</p> <p>Therefore: 1000 metres = 1 kilometre.</p>
RESOURCES NEEDED	Masking tape Tape measure
LAUNCH (10min)	Children are split into small groups and teacher allocates one child to be measured.  Working in small groups, the child is to lie down on the floor while the other group members measure out their height using masking tape.
EXPLORE (10-15min)	In small groups, children predict and record the length of their group’s masking tape.  Once predictions have been written in their workbook, in their group children are to use the tape measure to measure the length of the masking tape. Record length in workbooks.
SHARE (15min)	Allow each group to present their recordings to the class. Teacher and class check the measurement of the tape.  Extension learning: Teacher encourages discussion around the measurements by looking at the various examples, and begins to link this to envisioning greater distances. Eg. Child A, Child B, Child C, Child D. Length 110cm + 106cm + 115cm + 104cm Class to help teacher add up = 435cm (nearly 4.5metres).  How many children would need to be lined up to make up 1 kilometre? Can you imagine walking 1 kilometre? Teacher to link 1 kilometre to OXFAM \$1 DAY using statistic below:  <b>DID YOU KNOW:</b> On average, people in developing countries walk 6km, that’s 6000metres! For a class of 20 students, this is equivalent to each student walking/running 300 metres.



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