Modelling thousandths with concrete and visual tools

MODULE 1 · PLACE VALUE, DECIMALS AND THE NUMBER SYSTEM NUMBER

HOW TO ANSWER TODAY

- **Decimal places.** Tenths is the first digit after the point, hundredths the second, thousandths the third.

  In 4.82 the digit in the tenths place is 8. In 0.345 the hundredths digit is 4.

STRETCH PROBLEMS

1. On the school tour to the Cliffs of Moher, 6th class walk a cliff path marked as **2.401 km** long. On a number line, between which two whole numbers does **2.401** sit, and which whole number is it closer to?

2. During a soccer match in the schoolyard at lunchtime, Fionn kicks the ball **2.100 metres**. On a number line, between which two whole numbers does **2.100** sit, and which whole is it closer to?

3. Róisín packs for a sleepover and measures her sleeping bag at **1.748 metres** long. On a number line, between which two whole numbers does **1.748** sit, and which whole is it closer to?

4. At the Cumann na mBunscol blitz at the county grounds, Aoife's long jump is measured as **1.694 metres**. On a number line, between which two whole numbers does **1.694** sit, and which whole is it closer to?

5. Saoirse measures **7.317 m** of bunting for the World Book Day classroom display. On a number line, between which two whole numbers does **7.317** sit, and which whole number is it closer to?