

WALT explain the method of short division using the correct mathematical language.

Today we worked in mixed table pairs to complete this maze! We really focused on explaining our workings out. See the speech bubble below.

How many groups of 3 (**hundreds**) can we make?
 How many groups of 3 (**tens**) can we make?
 How many groups of 3 (**ones**) can we make?

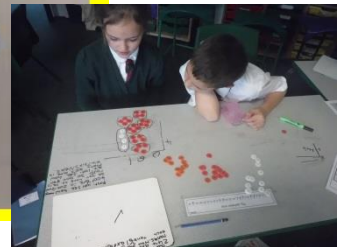
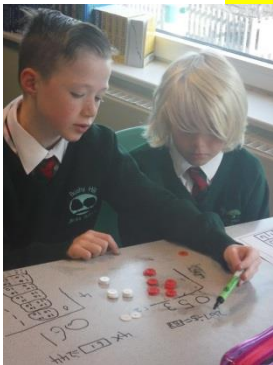
Algorithm

	Quotient
Divisor	Dividend

Manipulatives

Algorithm
Short Division

$$\begin{array}{r} 121 \\ 3 \overline{) 363} \\ \underline{3} \\ 6 \\ \underline{6} \\ 3 \\ \underline{3} \\ 0 \end{array}$$



DIVISION MAZE

Manipulatives

Algorithm
Short Division

$$\begin{array}{r} 121 \\ 3 \overline{) 363} \\ \underline{3} \\ 6 \\ \underline{6} \\ 3 \\ \underline{3} \\ 0 \end{array}$$

- Person A: identify a route
- Person B: as soon as you hit a sum, create a word story
- Person A: talk through the method using the manipulatives alongside the algorithm
- Person B: write down their explanation

$4 \times \square = 244$ $84 \div 4 = \square$ $2 \times \square = 36$
 $36 \div 3 = \square$ $267 \div 5 = \square$ $6 \times \square = 168$
 $36 \div 3 = \square$ $2 \times \square = 36$ $84 \div 4 = \square$
 $84 \div 4 = \square$ $244 \div 4 = \square$ $267 \div 5 = \square$
 $267 \div 5 = \square$ $984 \div 5 = \square$ $244 \div 4 = \square$
 $6 \times \square = 168$ $173 \div 6 = \square$

