



ALMOND HILL JUNIOR SCHOOL MEDIUM TERM PLAN

TOPIC TITLE: Formal written method for multiplication (LS11) and Formal written method of short division (LS12)

YEAR GROUP: 5

TERM: Autumn

Vocabulary	Skills	What we already know
multiple divide digit regroup place value place holder remainder (fraction and decimal)	dividend divisor quotient sharing/grouping short division	<ul style="list-style-type: none"> <li>- Formal multiplication of up to a 4-digit number by 1-digit number with regrouping.</li> <li>- Long multiplication.</li> <li>- Formal multiplication of up to a 4-digit number by a 2-digit number with regrouping.</li> <li>- Division as sharing, grouping and then the formal method (short division).</li> <li>- Expressing remainders as fractions and decimals.</li> <li>- Ability to consider what the remainder means and answer a problem taking this into account.</li> </ul>

**Illustration**

$$\begin{array}{r} 342 \\ \times \quad 7 \\ \hline 2394 \\ \hline 21 \end{array}$$

124 x 4

496			
124	124	124	124

		3	4	7
x			6	2
		6	19	4
2	20	48	20	
2	1	5	1	4
	1	1		

$$\begin{array}{r} 045 \\ 8 \overline{) 3640} \end{array}$$

288 ÷ 3 =

288		
96	96	96

	1	2	5
6	7	5	0
		1	3

