



ALMOND HILL JUNIOR SCHOOL MEDIUM TERM PLAN

TOPIC TITLE/SUBJECT: LS26 formal written multiplication

YEAR GROUP: 3

TERM: Spring 2

| <p>Vocabulary</p> <ul style="list-style-type: none"> Multiple Multiplying Dividing Tenths Equal parts Scaling Place value Product Tens Hundreds | <p>Skills</p> <ul style="list-style-type: none"> • Multiplying two-digit numbers by ones using distributive law (no regrouping) • Multiplying two-digit numbers by ones using distributive law (with regrouping) • Introducing short multiplication with no regrouping • Short multiplication with regrouping of ones into tens only • Short multiplication with regrouping of ones and tens | <p>What we already know</p> <ul style="list-style-type: none"> • 1, 2, 3, 4, 5, 8, 10 times tables • Multiplying • Place value – hundred tens and ones | | | | | | | | | | | | | | | | | | |
|--|--|--|------|------|----|---|------|------|----|---|------|------|----|---|----------|------|------|---|---|---|
| <p>Illustration/worked models/useful resources</p> <div style="display: flex; align-items: center; justify-content: space-around;"> <div style="text-align: center;"> <table border="1" style="margin-bottom: 10px;"> <tr><th>tens</th><th>ones</th></tr> <tr><td>10</td><td>2</td></tr> </table> <p>12 X 3 =</p> <table border="1" style="margin-bottom: 10px;"> <tr><th>tens</th><th>ones</th></tr> <tr><td>10</td><td>6</td></tr> </table> <p>12 X 3 = 6</p> <table border="1" style="margin-bottom: 10px;"> <tr><th>tens</th><th>ones</th></tr> <tr><td>30</td><td>6</td></tr> </table> <p>12 X 3 = 36</p> </div> <div style="text-align: center;"> <p>→ X</p> $\begin{array}{r} 12 \\ \times 3 \\ \hline 36 \end{array}$ </div> <div style="text-align: center;"> <table border="1" style="margin-bottom: 10px;"> <tr><th>hundreds</th><th>tens</th><th>ones</th></tr> <tr><td>4</td><td>2</td><td>6</td></tr> </table> <p>42 X 3 = 126</p> </div> <div style="text-align: center;"> <p>X</p> $\begin{array}{r} 24 \\ \times 3 \\ \hline 72 \\ \hline \end{array}$ </div> </div> | | | tens | ones | 10 | 2 | tens | ones | 10 | 6 | tens | ones | 30 | 6 | hundreds | tens | ones | 4 | 2 | 6 |
| tens | ones | | | | | | | | | | | | | | | | | | | |
| 10 | 2 | | | | | | | | | | | | | | | | | | | |
| tens | ones | | | | | | | | | | | | | | | | | | | |
| 10 | 6 | | | | | | | | | | | | | | | | | | | |
| tens | ones | | | | | | | | | | | | | | | | | | | |
| 30 | 6 | | | | | | | | | | | | | | | | | | | |
| hundreds | tens | ones | | | | | | | | | | | | | | | | | | |
| 4 | 2 | 6 | | | | | | | | | | | | | | | | | | |