



**ALMOND HILL JUNIOR SCHOOL MEDIUM TERM PLAN**

**TOPIC TITLE:** Places and spaces. LS 6 Prime and composite numbers.

**YEAR GROUP:** 5

**TERM:** Autumn 1

<p><b>Vocabulary</b> Prime number Prime factors Composite number</p>	<p><b>Skills</b> - Identify what makes a number prime or composite - Name prime numbers. - Identifying prime factors.</p>	<p><b>What we already know</b> - Multiplication and division known facts.</p>																								
<p><b>Illustration</b></p> <table><tr><td>prime</td><td>composite</td></tr><tr><td>•• 2</td><td></td></tr><tr><td>••• 3</td><td></td></tr><tr><td></td><td>4 ••</td></tr><tr><td>••••• 5</td><td></td></tr><tr><td></td><td>6 •••</td></tr><tr><td>••••••• 7</td><td></td></tr><tr><td></td><td>8 ••••</td></tr><tr><td></td><td>9 ••••</td></tr><tr><td></td><td>10 •••••</td></tr><tr><td>•••••••••• 11</td><td></td></tr><tr><td></td><td>12 •••••</td></tr></table>	prime	composite	•• 2		••• 3			4 ••	••••• 5			6 •••	••••••• 7			8 ••••		9 ••••		10 •••••	•••••••••• 11			12 •••••	<p><b>Application/Outcomes</b> - Use of arrays to visually identify if a number is prime or composite. - Sort numbers into prime and composite. - Establish rules that can easily identify if a number is prime or not.</p>	<p><b>Concepts</b> - Numbers with only 2 factors are prime. - Prime numbers have two factors – itself and 1. - Composite numbers are non-prime numbers.</p>
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