



### ALMOND HILL JUNIOR SCHOOL MEDIUM TERM PLAN

**TOPIC TITLE:** LS16 Problem Solving using four operations.

**YEAR GROUP:** 5

**TERM:** Spring

<b>Vocabulary</b> Bar model Interpret Statistics Working backwards Efficient strategy Addition, subtraction, multiplication and division Multi-step problem Estimation	<b>Skills</b> <ul style="list-style-type: none"><li>- Drawing a model to support reasoning.</li><li>- Interpreting information.</li><li>- Working backwards as a strategy.</li><li>- Interpreting statistical information presented in unfamiliar ways.</li><li>- Applying the use of formal calculations to problem solving.</li><li>- Selecting, and applying, the most appropriate strategy when problem solving.</li></ul>	<b>What we already know</b> <ul style="list-style-type: none"><li>- Applying working backwards to problem solving (using place value and number facts).</li><li>- Formal calculation methods.</li><li>- Choosing the most appropriate strategy increases speed and accuracy.</li></ul>
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**Illustration**

<b>Part-Part-Whole</b> Whole  Whole = Part + Part Part = Whole - Part	<b>Equal Parts of a Whole</b> Whole  Whole = Part x Number of Parts Part = Whole ÷ Number of Parts Number of Parts = Whole ÷ Part
<b>Comparison</b>  Difference = A - B A = B + Difference	<b>Part-Part-Whole and Comparison</b>  Whole = A + B Difference = A - B

**Favourite Colour**

Colour	Number of Children
Red	8
Blue	7
Green	5
Yellow	9
Pink	6