

## Progression of mathematical concepts

	<b>Fluency</b>	<b>Reasoning</b>	<b>Problem Solving</b>
R	<p><b><u>Remember</u></b> I understand that remembering is about revisiting</p>	<p><b><u>Notice</u></b> I understand that noticing is what I see</p>	<p><b><u>Solve</u></b> I understand a problem can be solved</p>
1	<p><b><u>Recall</u></b> I understand recall is about memory</p>	<p><b><u>Explaining</u></b> I understand that helps me explain what I think</p>	<p><b><u>Solution</u></b> I understand that for a problem to be solved, there needs to be a solution</p>
2	<p><b><u>Strategy</u></b> I understand the importance of strategy to help my memory</p>	<p><b><u>Clarify</u></b> I understand that explaining my thinking helps me clarify my understanding</p>	<p><b><u>Deconstruct</u></b> I understand that for a solution to be found, a problem needs to be deconstructed</p>
3	<p><b><u>Accuracy</u></b> I understand strategies help my accuracy, which minimises avoidable mistakes</p>	<p><b><u>Comparing</u></b> I understand that being clear about my thinking helps me to compare ideas</p>	<p><b><u>Generate</u></b> I understand that deconstructing a problem helps me generate possible solutions</p>
4	<p><b><u>Efficiency</u></b> I understand that efficiency is about using time more effectively, to support my accuracy</p>	<p><b><u>Analyse</u></b> I understand that in order to compare, I need to analyse strengths and weaknesses</p>	<p><b><u>Elaborate</u></b> I understand that that the generation of ideas need further elaboration to refine my thinking</p>
5	<p><b><u>Flexibility</u></b> I understand a wide range of strategies to help with my efficiency</p>	<p><b><u>Justification</u></b> I understand that analysis supports justification</p>	<p><b><u>Creativity</u></b> I understand that my elaborations result in creative solutions being suggested</p>
6	<p><b><u>Agility</u></b> I understand that increased flexibility helps me make links quicker, which is agility.</p>	<p><b><u>Evaluating</u></b> I understand that being clear about my justification and reasons for doing something helps me to be more evaluative</p>	<p><b><u>Originality</u></b> I understand that solving problems might require confidence to propose original solutions</p>