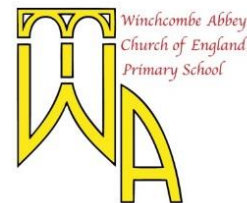
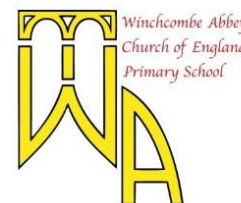


DSD approach – activity examples



'Do it' examples	'Secure it' examples	'Deepen it' examples
<ul style="list-style-type: none"> • What is it/what is it not (particularly with shape) • Fluency questions • Practise 	<ul style="list-style-type: none"> • True or false questions • Explain to me how to... • Writing/explaining their own steps to success for a given problem (great for vocabulary) • Give somebody (within a scenario) some top tips for getting it correct next time • Odd one out • Multiple choice questions (<i>why is this one wrong? Why is this one correct?</i>) • Alternative representations • Prove it... • Create your own rule • Correct the mistake • Questions focusing on the use of efficient methods 	<ul style="list-style-type: none"> • Always/sometimes/never • Missing box equations/digit card questions • Word problems • Write your own word problem • Finding an answer with given boundaries/conditions ... <i>Add two 3-digit numbers where the total is an even number which, when rounded, rounds to 500.</i> • Transferring to a different context • Here's the answer, what's the question • Substitution (moving into algebra)

DSD approach – EYFS questioning examples



Whole school approaches to DSD activity opportunities for the children.

Examples of questions that could be used in EYFS to support this whole school approach.

“How do you know?” should be an essential question, used constantly, especially during the Summer term to encourage children to start proving their thinking using mathematical vocabulary.

'Do it' examples	'Secure it' examples	'Deepen it' examples
<ul style="list-style-type: none"> What is it/what is it not (particularly with shape) <p>Which of these is not a triangle? How do you know?</p> <p>Which of these is not the number 4? How do you know?</p> <ul style="list-style-type: none"> Fluency questions Practise 	<ul style="list-style-type: none"> True or false questions <p>True or false, I am showing you four fingers...</p> <ul style="list-style-type: none"> Explain to me how to... Writing/explaining their own steps to success for a given problem (great for vocabulary) Give somebody (within a scenario) some top tips for getting it correct next time Odd one out <p>Which of your ____ (towers, drawings, numbers, shapes) is the odd one out?</p> <ul style="list-style-type: none"> Multiple choice questions (<i>why is this one wrong? Why is this one correct?</i>) <p>I think the answer to what you're doing could be ____ or _____. Which do you think is right?</p> <ul style="list-style-type: none"> Alternative representations Prove it... <p>How do you know? Prove it by making me something.</p> <p>How do you know? Prove it by drawing something.</p> <ul style="list-style-type: none"> Create your own rule Correct the mistake <p>What did I do wrong?</p> <ul style="list-style-type: none"> Questions focusing on the use of efficient methods <p>Was it quicker to count on your fingers or to count using the ____ (e.g. cubes)?</p>	<ul style="list-style-type: none"> Always/sometimes/never Missing box equations/digit card questions Word problems <p>Verbalise mathematical equations in the context of a worded problem.</p> <ul style="list-style-type: none"> Write your own word problem <p>Let's act out this equation together...</p> <ul style="list-style-type: none"> Finding an answer with given boundaries/conditions ... <i>Add two 3-digit numbers where the total is an even number which, when rounded, rounds to 500.</i> <p>Make the number ____ (e.g. 10) using some yellow counters and some red counters (etc.)</p> <ul style="list-style-type: none"> Transferring to a different context Here's the answer, what's the question <p>How many ways can you create the number 9?</p> <ul style="list-style-type: none"> Substitution (moving into algebra)

