

Choosing Methods

Maths

Year 6

Lesson 4 of 5

Learning Objective		Resources
To be able to choose a method for solving multiplication and division problems, including mental methods.		Slides Problem Cards A/B/C Worksheet 4A Missing Number Cards A/B/C (FSD? activity only)
Teaching Input		
<ul style="list-style-type: none"> • Read the children the four word problems on the slide. All the numbers have been removed from the problems. Can they work out which problems are multiplication and which are division? • Show the children the word problem on the slide. What is this problem asking us to do? Can you write it as a number sentence? How could we solve it? • Show the number sentence and how to solve it on the slide. Is this the method you used? • Repeat this with the problems on the following slides. 		
Main Activity		
<p><u>Lower ability:</u></p> <p>Provide the children with Problem Cards A and worksheet 4A, depending on ability. The children can work individually or in pairs to answer the questions on the cards. They can use worksheet 4A to record their workings out and answers to the problems.</p>	<p><u>Middle ability:</u></p> <p>Provide the children with Problem Cards B and worksheet 4A, depending on ability. The children can work individually or in pairs to answer the questions on the cards. They can use worksheet 4A to record their workings out and answers to the problems.</p>	<p><u>Higher ability:</u></p> <p>Provide the children with Problem Cards C and worksheet 4A, depending on ability. The children can work individually or in pairs to answer the questions on the cards. They can use worksheet 4A to record their workings out and answers to the problems.</p>
Fancy something different...?		
<ul style="list-style-type: none"> • Provide the children with Missing Number Cards A/B/C, depending on ability. They will fill in the missing numbers using their knowledge of multiplication and division facts. 		
Plenary	Assessment Questions	
<p>Play beat the teacher.</p> <p>Show the children the six multiplication questions and answers on the slide. Are they all correct? Which ones are wrong? What is the correct answer?</p> <p>Repeat this with the six division questions.</p>	<ul style="list-style-type: none"> • Can children multiply or divide numbers mentally? • Can children multiply or divide numbers using formal methods? • Can children choose an appropriate method for solving multiplication and division problems? 	