

2Calculate Numeracy Lesson Y3

NS ref	Problem solving, multiplication and division with money		
Year Group	3	Number in class	
Time for lesson	1hr	No. of computers	1
Preparation 5-10 mins			
<p>Use times table square on program cover up answers. Set up activity with items for sale. Activity for pizzas Activity for change from a £5 note.</p>			
Resources			
2Calculate			
Learning objectives			
<ul style="list-style-type: none"> • To be able to use money to solve problems on what to buy. • To be able to work out change. • To understand when it is useful to use multiplication or division in solving a money problem. 			
Technical Vocabulary			
Price	Pence	Pound	
Change			
Mental Maths (10 mins)			
<p>Warming up activity: In order to get used to the program and what it can do. Teacher brings up the times table square and goes over how it works, then covers an area in ? marks the teacher then clicks on a covered square and the children have to tell her what they think the correct answer is. Can also use the same principle on the number squares as well.</p>			
Main activity			
15 mins			
<p>Looking at the problem on screen of which 3 items of clothing you can be for less than £5 or exactly £5 show how it can be set out and what we need to tell the computer to do. Teacher can drag the clothing down on to the screen to work out the problem with the children. If work well on this move onto the Pizza problem which 2 pizzas can you buy for £10 discuss best way to work through this problem and show working so don't get lost.</p>			
25 mins Individual/Partner work One group do further work with the pizza problem and think of how they could use the program to help solve other money problems, such as what amounts can you make with 5 coins etc or look at the activity buying food and working out change.			
Plenary (10 mins)			
<p>Show the activity on buying food and how you can buy so many items then go through the working, using multiplication and addition, out of the change from a £5 note. Get the group who have been working on 2Calculate to show an example of the working out.</p>			