

Support Area: Math

Summary of support required for Math:

Overall E3 achieved on CTAD initial assessment.

Specific weaknesses identified in the area of number and measures, shape and space. Lisa achieved a grade e maths GCSE and didn't feel very confident working with numbers at school.

The plan is to improve Lisa's confidence working with numbers and assist her in achieving a Level in Key / Functional Skills.

Planned Support Activities:

Number - Operations using: whole numbers, fractions, decimals, percentages

Lisa shall attend all of the numeracy lessons and will learn how to use the four main operations of addition, subtraction, multiplication and division in guided learning sessions in a small group and with one to one guidance.

Lisa will practice these operations during home study by completing set task and when competent Lisa will move onto solving word problems by selecting and using the most appropriate method.

Measures, Shape and Space – dealing with money, time, measures, shape and space

During guided numeracy lessons Lisa will learn in a small group how to work with measures, shape and space and she will complete activities where one to one support may given.

Home study activities will embed Lisa's ability to solve problems in this area.

Handling Data – reading data from varied formats and preparing data in suitable formats

Although not identified as a specific weakness, Lisa will learn what formats are the most appropriate for presenting information.

Summary of Actual Support Activities:

Date	Support Activity	Objective	Outcome	Competent	Improved	More Practice	More Guidance	Comments
03/10/09	One to one with multiplication	Teach Lisa to use a number grid to improve her tables. Complete sums by multiplying two by two digit numbers.	Lisa found the carry over method easiest and by using the number grid was able to complete the calculations.			Yes		Needs to be more confident and have given home study activity
	Home study - still using the number grid complete a task for multiplying two by two digit numbers	Practice will help you to become more confident in your abilities to multiply.	Good - 8/10 correct you always to remember to add your 0 when multiplying the tens column.		Yes	Yes		Still requires some practice during home study to improve consistency. Other tasks set to help with tables.
07/10/09	Home study - complete the multiplication tasks 1-8 using the number grid and then try it again without.	Repeating the exercise a second time without the grid will help Lisa to memorise multiples.	Lisa felt this was a good way for her to learn her tables		Yes			Good progress, continue to develop using BBC Skills wise.
21/10/09	Areas - small group lesson	To learn how to calculate areas of simple shapes. Using simple formula.	Lisa was able to calculate the area of a square and a rectangle.	Yes				Next week learn how to work out the area of a 'l' shape and a circle.
27/10/09	One to one tuition on area - 'l' shapes and circles	Learning how to break down shapes to work out the area of an 'l' shape.				Yes		Complete the home study sheets for practice.

27/09/10		How to calculate the area of a circle using formula.						
15/11/09	One to one tuition working with volumes.	To complete tasks in session calculating the volume of cubes and cylinders - using appropriate formula.	Lisa understood how the formula is used and referred to her handbook when she needed to prompt herself.			Yes		Complete the home study sheets for practice.

SAMPLE