

Family Learning Session Plan

Venue: Oldham Centre		Tutor: Nigel Gratton	
Aim of Session <ul style="list-style-type: none"> To become familiar with new methods of addition and subtraction. To investigate maths websites and 'phone apps. To inform parents of coordinates 		Support: Library staff	
Date: 31 th Jan 15	Course Code and Title: Numeracy Project	Session No.: 3	Time: 11:30 -1:30pm
Learning Outcomes: Adults <ul style="list-style-type: none"> Find out about and use new methods of addition and subtraction Introduce maths websites in particular, 'MyMaths' Understand how to plot co-ordinate points on a grid Child Outcomes <ul style="list-style-type: none"> Involvement in fun maths activities Joint Outcomes <ul style="list-style-type: none"> Utilise opportunities to explore addition and subtraction in everyday life Share addition and subtraction problems using new methods with your child Share maths activities whilst having fun 			Safe Guarding/ Health and Safety

Time	Tutor/Learner Activity	Resources
11:30	<p><u>Topic - Welcome to the group</u></p> <p>Register</p> <p>Tutor - Welcome back - lead feedback session on last week's homework.</p> <p>Identify shapes in and around the home and complete the mini challenges about shape.- share with the group next session</p> <p>Learners to share with the group the shape recognition challenge they completed at home.</p>	
11:45	<p><u>Topic -Partitioning.</u></p> <p>Tutor -To introduce learners to 'Partitioning' and how it is used by children to visualise maths problems in numeracy lessons at school.</p> <p>Learners to engage with the presentation and ask questions as required.</p>	Smart board presentation 'Current methods of teaching addition and subtraction'
11:55	<p><u>Topic - Addition and Subtraction</u></p> <p>Tutor to explain how Partitioning can be used to solve addition and subtraction problems and how children develop their understanding of addition and subtraction as they move through each phase.</p> <p>(This topic was requested by the group)</p> <p>Learners to engage with the demonstration and ask or respond to questions about</p>	

	<p>the topic.</p> <p>Tutor to then summarise 'Partitioning' and hand-out sheets for learners to practise.</p> <p>Learners to 'have a go' at using Partitioning to solve addition and subtraction problems given by the tutor.</p>	<p>Addition and Subtraction worksheets</p>
<p>12:10</p>	<p>Tutor Introduction to MyMaths and how to access it at home. Using MyMaths to assist with own and child's learning.</p>	
<p>12:20</p>	<p><u>Coordinates</u></p> <p>Tutor to do a brief presentation on coordinates including terminology used in schools</p> <p>Learners to share experiences they may have had with their own children's learning of coordinates at school or in homework.</p> <p>(Language covered - horizontal, vertical, axis, along, up, x and y)</p> <p>Brief parents on Alien Mask coordinates challenge.</p>	
<p>12:30</p>	<p><u>Children join the session</u></p> <p>Parents work with their children to plot coordinate values and make an alien mask.</p> <p>Parents observe how their children tackle addition and subtraction problems (age</p>	<p>ALIEN MASK worksheet</p>

<p>1:20</p> <p>1:30</p>	<p>dependant).</p> <p>Tutor to lead an evaluation of the session checking outcomes have been met.</p> <p>Learners to give their opinions about how the session went - recording them in their diaries.</p> <p>Finish</p> <p>Homework - Continue with addition and subtraction problems. Investigate MyMaths website at home and explore other potentially useful websites to help with maths learning. Be prepared to report back next week.</p> <hr/> <p>Next Week: Division methods</p>	<p>Squared paper, card, craft materials.</p> <p>Variety of addition and subtraction problems.</p>
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