

Osmani Primary School

Vallance Road, London E1 5AD



Reach For The Stars

Year 6 Maths

Home Learning Activities - Summer 1

<p>Problem Solving- Probability What you'll need: Two coins, paper, and pencil to keep score</p> <p>What to do: Flip one coin. Every time it comes up heads, your child gets 1 point. Every time it comes up tails, you get 1 point. Flip it 50 times. Tally by 5's to make it easier to keep track of scores. The person with the most points wins. If one person has 10 points more than the other person does, score an extra 10 points. Does this happen very often? Why not?</p>	<p>Using and applying Discuss special offers and calculating discounts e.g. 20% reduction, 50% sale price.</p> <p>Children to work out 10%, 23%, 35%, 45% and 60% off different objects found in supermarket.</p>	<p>Numbers Look at the thermometers within your house, (heater/fridge/freezer) Write them down coldest –hottest What is the difference between them?</p> <p>Can you estimate the average temperature of the Antarctica? What might be the average temperature be for the Sahara desert? Check your estimates using the internet. How close were your estimations?</p>	<p>Calculations Learning times tables All times tables from 1 to 12 x times tables Children and parents can make thumb cards. Each small business sized card will have a multiplication sum on it. For example $5 \times 8 = 40$. Parents can cover over one of the numbers. Children must work out what the missing number is?</p>
<p>Proportion Find a recipe in a cooking book. Try working out the ingredients and measurements needed to cook different amounts.</p>	<p>Equivalent fractions Using sandwiches to show fractions $\frac{1}{2}$, $\frac{1}{4}$ and that 2 quarters is equivalent to half ♦ using a round sandwich cakes to show fractions $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{6}$, $\frac{1}{8}$ etc. and finding equivalent fractions</p>	<p>Measurement Calculating areas e.g. How many tiles in the shower? Estimate amount of carpet, curtain material, paint etc. needed for a room in the house. Work out cost.</p>	<p>Number bonds Different ways to make 10 using the numbers 0-10 Different ways to make 20 using the numbers 0-20 Different ways to make 100 using the numbers 0-100 Different ways to make 1000 using the numbers 0-1000</p>