



Pembroke Hall School

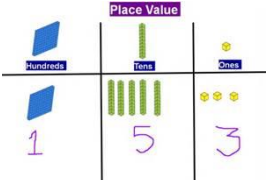
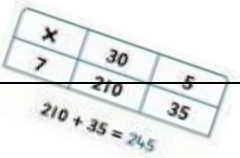
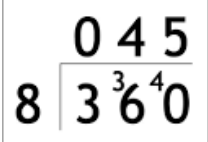
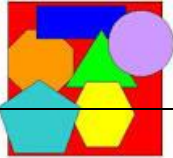
Autumn Term Maths Plan for Parents – Year 4

Below you will find an outline of what your daughter will be learning each week in her Maths lessons. Please note that teachers carry out continuous assessment which may result in some small adjustments to planning. Teachers may also adapt their planning to suit the needs of individual girls or their class.

Subject: Maths


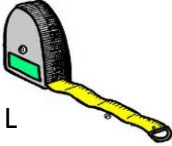

Year Group: 4

Term & Date: Autumn 2018

Week		
<p>1 Place value</p>	<p>Main aims of the week:</p> <ul style="list-style-type: none"> • Order and compare numbers up to 10000 • Understand the value of each digit in a number • Recognise and order negative numbers 	
<p>2 Addition and subtraction</p>	<p>Main aims of the week:</p> <ul style="list-style-type: none"> • Develop mental strategies to add and subtract • Use the column methods for both addition and subtraction (see Stage 3 of the Calculation Policy) 	
<p>3 Multiplication</p>	<p>Main aims of the week:</p> <ul style="list-style-type: none"> • Multiply numbers by 10 and 100 • Multiply a 2 digit number by a 1 digit number using the grid method (see Stage 4 of the Calculation Policy) • Some children may move on to the compact method once confident with the grid method 	
<p>4 Division</p>	<p>Main aims of the week:</p> <ul style="list-style-type: none"> • Recognise division as repeated subtraction • Begin to use the 'bus stop' method • Understand what a remainder is after division calculations 	
<p>5 Shape</p>	<p>Main aims of the week:</p> <ul style="list-style-type: none"> • Name and describe 2D shapes • Find both the area and perimeter of rectangles 	
<p>6 Area and perimeter</p>	<ul style="list-style-type: none"> • Find the perimeter of rectangles and squares • Find the area of rectangles and squares 	



HALF TERM – week 7 and 8

<p>9 Mental strategies & +, -, x and ÷ recap</p>	<p>Main aims of the week:</p> <ul style="list-style-type: none">• Develop mental strategies focusing on addition and subtraction• Use known facts and explain methods when calculating mentally• Demonstrate a method for +, -, x and ÷	
<p>10 Measure</p>	<p>Main aims of the week:</p> <ul style="list-style-type: none">• Read a scale to the nearest division• Convert metric units of measure, e.g. g to kg, cm to m, m to km, ml to L• Explore measures worded problems	
<p>11 Fractions</p>	<p>Main aims of the week:</p> <ul style="list-style-type: none">• Recognise equivalent fractions• Write fractions in the simplest form (lowest terms)• Add and subtract fractions with the same denominator	
<p>12 Fractions and problem solving</p>	<p>Main aims of the week:</p> <ul style="list-style-type: none">• Find equivalent fractions and decimals (e.g. $\frac{1}{2} = 0.5$)• Solve mathematical word problems involving fractions and decimals	
<p>13 Data handling</p>	<p>Main aims of the week:</p> <ul style="list-style-type: none">• Read and understand a range of charts including Venn diagrams, Carroll diagrams, bar charts and timetables• Create frequency tables and bar charts	
<p>14 & 15 Time and Maths Clinics</p>	<p>Main aims of the week:</p> <ul style="list-style-type: none">• Tell the time to the nearest minute on analogue, digital and Roman numeral clocks• Convert analogue to digital time and vice versa• Calculate time intervals <p>Consolidation of concepts covered this term</p>	