



P7 Information Evening

Alloway Primary School

Thursday 1st September 2022

Nicola Rainey

Caroline Harrison





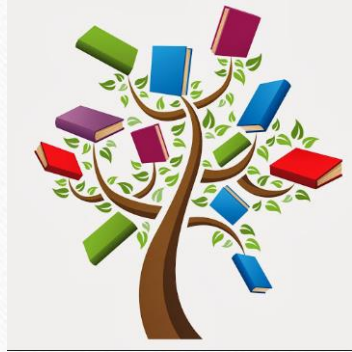
Literacy

Term 3

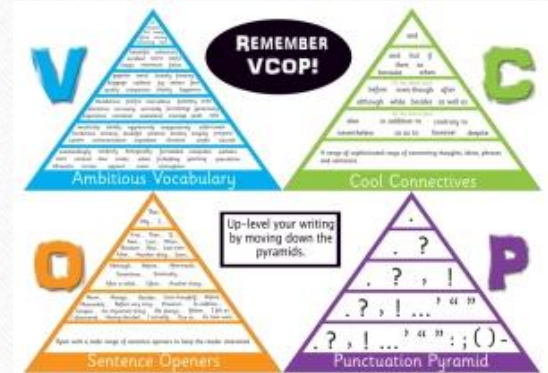
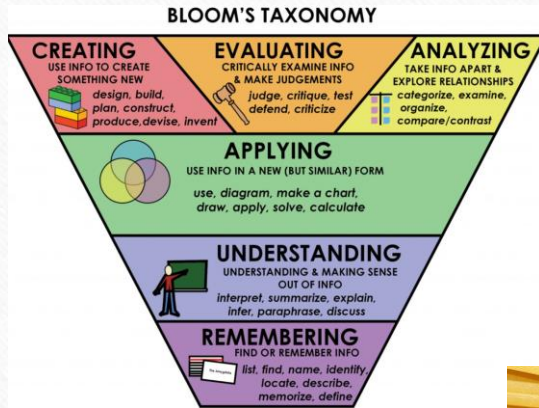
- Imaginative and Functional writing focus
- Critical reading and writing project
- Spelling rules, common words and Academy topical words
- Grammar

Term 4

- Reading – Literacy circles and cross-curricular
- Functional writing focus
- Spelling rules, common words and Academy topical words
- Grammar



Literacy





Numeracy

Term 1

- Place value
- Multiples, factors, primes
- Data handling
- 4 operations (+ - ÷ ×)

Term 2

- Fractions, decimals, percentages
- Negative numbers
- Estimating and rounding
- Time – timetables, 24 and 12 hour, speed
- 4 operations (+ - ÷ ×)

Numeracy



Term 3

- Affordability, budgeting, profit and loss (Enterprise topic)
- Angles
- 2D and 3D shape
- Expressions and equations
- Measure – perimeter and area
- 4 operations (+ - ÷ ×) and BODMAS

Term 4

- Fractions, decimals, percentages
- Measurement- conversions
- Patterns – square, triangular and Fibonacci numbers
- Chance and uncertainty
- Symmetry and transformation
- 4 operations (+ - ÷ ×)



Numeracy

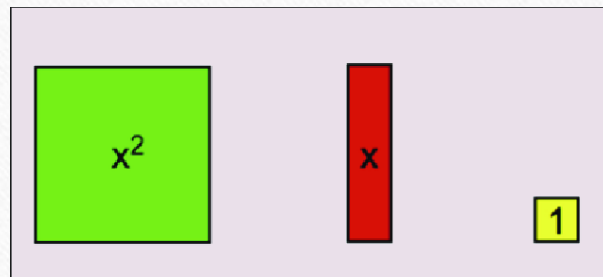
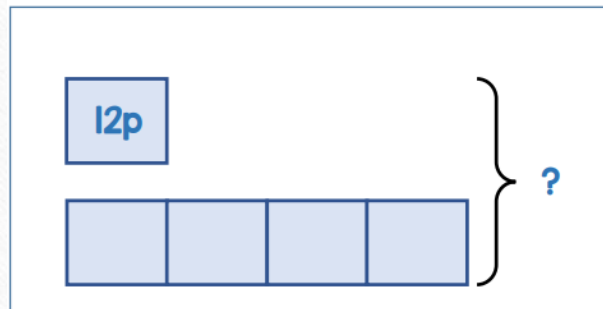
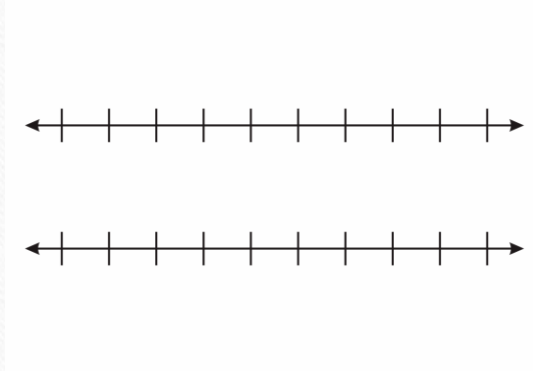


Lily has 12 pence.



Sam has four times as much money as Lily.

How much money do they have in total?



The Daily Rigour



Sun 22nd August 2022

Issue No. 297

Your free weekly numeracy newspaper!

Workers going into office 1.5 days a week

The average UK worker is going into the office for 1.5 days a week a recent survey has suggested.

A UK worker who works a 5 day week must receive at least 28 days' paid annual leave a year. Most of the UK also has 8 bank holidays.

If the average UK worker receives 28 days paid annual leave and also gets every bank holiday off work, how many days do we expect them to attend their office in a typical year?



McDonald's puts up price of cheeseburger for first time in 14 years

McDonald's has put up the price of its cheeseburger for the first time in more than 14 years, due to growing cost pressures.

The fast food chain said its UK restaurants would be adding between 10p and 20p to a number of items.

The price of a cheeseburger used to be an absolute bargain at 99p but has increased by 20p.



BUSINESS



(a) What is the price of a cheeseburger now?

But it's not the end of the world, the UK is the 14th cheapest country in the world to buy a Big Mac where it costs £3.69.

The most expensive Big Mac in the world costs £1.99 more than this.

(b) How much is the most expensive Big Mac in the world?

(c) ****BONUS QUESTION**** Can you guess which country sells it?

Fifa 23: EA honours 99% discount price error on football game's new edition

Electronic Arts (EA) has admitted to scoring "a pretty spectacular own goal" after mistakenly pricing its Fifa 23 Ultimate

Edition on India's Epic Games store at 4.80 rupees.

Buyers rushed to pre-order the game last month after a decimal point error saw its price discounted online by 99.98%.

The games publisher has since agreed to honour the bargain pre-purchases.

How much was this bargain pre-purchase price in pounds and pence?



Exchange Rate: 
£1 = 94.11 rupees

How much are your kitchen appliances costing to run?

With the news of energy prices set to reach new records in October and January, it may be interesting to know how much it costs to run your kitchen appliances.



Fridge Freezer - A refrigerator must run 24 hours a day to keep your food fresh. It requires 4.32 kWh to run for 24 hours and the average cost of a kWh of electricity in the UK is 18.9p.

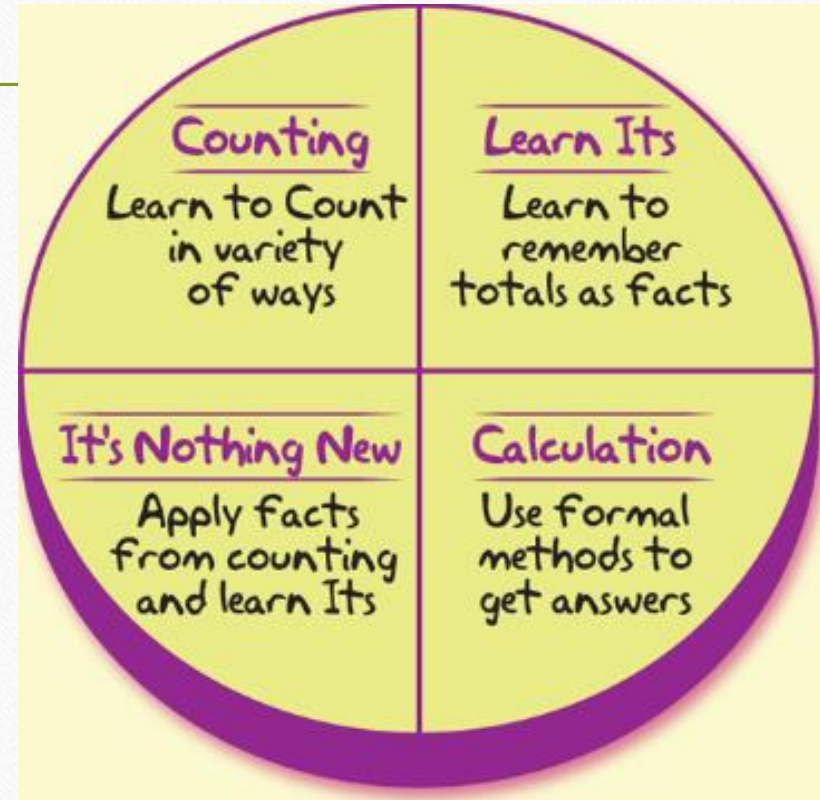
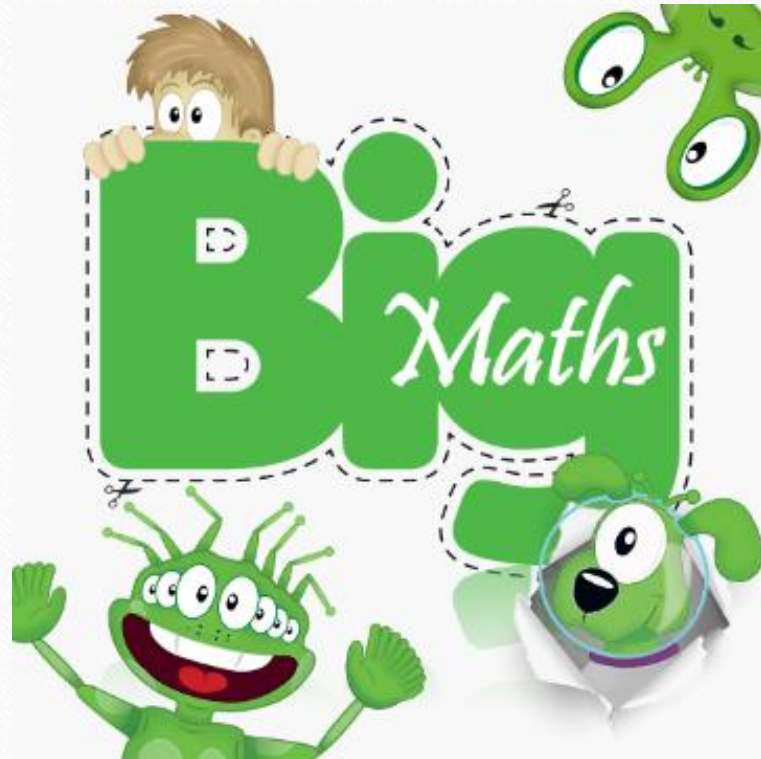
Dishwasher - This costs around £240.20 for a year if used daily.

Oven - This costs around £13.69 per month.

Which of these appliances costs the most to run per year? Show all your working!

CIRCLES	TRIANGLES	SQUARES
<p>LI: To calculate use a pictorial method to show percentages. SC: I can state that percent means out of 100. I can show a range of percentages in pictorial form. I know that 100% = 1 whole.</p>	<p>LI: To calculate percentages of amounts. SC: I can match common fractions to percentages e.g. 25%, 50%, 10%, 75%, 20%, 100% I can calculate percentages by dividing by the correct number e.g. 25% divide by 4 I can calculate 75% by dividing by 4 to find 1/4 then multiplying my answer by 3.</p>	<p>LI: To calculate percentages of amounts. SC: I can match fractions to percentages. I can calculate simple percentages by dividing by the correct number. I can calculate more complex percentages e.g. 40% (2/5) by dividing by 5 then multiplying by 2 I can solve word problems involving calculating percentages of amounts.</p>
<p>Pairs Felt tip pens - showing percentages on 100 square. Sheet blown up to A3 - work in pairs.</p>	<p>With CT Calculating percentages of amounts - look at matching percentages to fractions then how to calculate.</p>	<p>Independent with (SA) TJ(F) P92 Q1-4 only</p>
<p>With CT Discuss paired task - all pairs have shown percentages differently (colouring different squares) but each one still shows correct percentages. CT to teach LI and SC - lots of examples.</p>	<p>Independent (with SA) TJ(E) P76</p>	<p>Pairs Fractions, decimals, percentages games from maths hub.</p>
<p>Independent (with SA) TJ(D) P143-144 Q1-3</p>	<p>Pairs Fractions, decimals, percentages games from maths hub.</p>	<p>With CT Calculating percentages of amounts - look at matching percentages to fractions then how to calculate. Introduce more complex percentages and word problems.</p>

Big Maths



Big Maths – learn-its

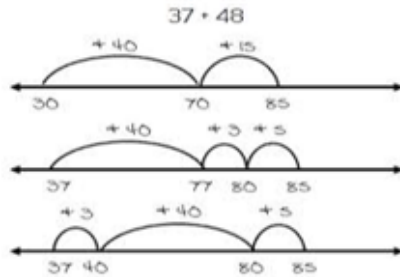
$7+8=$	$7\times7=$	$7+9=$	$4\times4=$	$2+4=$	$5+5=$	$2\times5=$	$8+6=$
$7+7=$	$3+6=$	$6+9=$	$3\times5=$	$5+7=$	$2\times4=$	$7\times3=$	$2+7=$
$2+2=$	$5\times9=$	$8\times2=$	$5+6=$	$9\times9=$	$5\times5=$	$2+6=$	$2+8=$
$9\times4=$	$4+6=$	$5\times6=$	$3+4=$	$5+9=$	$4\times5=$	$3\times4=$	$6\times7=$
$6+7=$	$9\times3=$	$4+7=$	$4\times8=$	$8\times6=$	$2\times2=$	$3\times6=$	$2+9=$
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$3+8=$	$4+5=$	$3+9=$	$3+5=$	$5+8=$	$4+4=$	$4\times6=$	$4+8=$
$9+9=$	$4\times7=$	$6\times9=$	$3\times3=$	$8\times9=$	$3\times8=$	$2\times7=$	$7\times9=$

Number Talks

Addition

Adding Up in Chunks/Counting On

$$37 + 48$$



Reordering

$$25 + 26 + 75$$

$$100 + 26 = 126$$

Place Value - Partitioning

$$116 + 127$$

$$100 + 100 = 200$$

$$10 + 20 = 30$$

$$6 + 7 = 13$$

$$200 + 30 + 13 = 243$$

Making Tens/Bridging through 10

$$49 + 38$$

$$1 \quad 7$$

$$50 + 37 = 87$$

Compensation

$$67 + 28$$

$$+2$$

$$67 + 30 = 97$$

$$97 - 2 = 95$$

Doubles/Near Doubles

$$16 + 17$$

$$16 \quad 1$$

$$16 + 16 = 32$$

$$32 + 1 = 33$$

Friendly Numbers

$$28 + 47$$

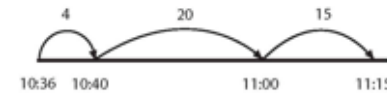
$$+2 \quad -2$$

$$30 + 45 = 75$$

Bridging through 60

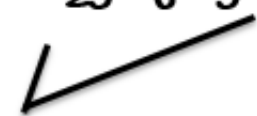
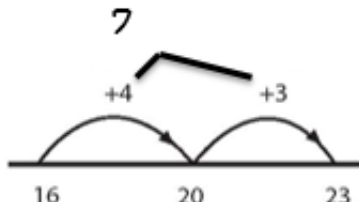


How many minutes is it to the next hour?



Subtraction



<u>Removal or Counting Back</u>	<u>Reordering</u>	<u>Place Value - Partitioning</u>	<u>Adding Up/Bridging through 10</u>
$123 - 69$ $123 - (20+40+3+6)$ $123 - 20 = 103$ $103 - 40 = 63$ $63 - 3 = 60$ $60 - 6 = 54$	$25 - 6 - 5$  $20 - 6 = 14$	$367 - 154$ $367 - 100 = 267$ $267 - 50 = 217$ $217 - 4 = 213$ $367 - 100 - 50 - 4 = 213$	$23 - 16$ $16 + 4 = 20$ $20 + 3 = 23$ 
<u>Place Value & Negative Numbers</u> $399 - 254$ $(300+90+9) - (200+50+9)$ $300 + 90 + 9$ $- \underline{200 + 50 + 4}$ $100 + 40 + 5$ $= 145$	<u>Adjusting for Easier Numbers</u> $123 - 59$ $+1$ $123 - 60 = 63$ $63 + 1 = 64$	<u>Keep a Constant Difference</u> $151 - 98$ $(151 + 2) - (98 + 2)$ $153 - 100 = 53$ $151 - 98 = 53$	

Multiplication & Division

<u>Friendly Numbers</u>	<u>Repeated Addition</u>	<u>Partial Products</u>	<u>Doubling and Halving</u>						
<p>9×15 $10 \times 15 = 150$ $150 - 15 = 135$</p> <p>Don't forget to 'undo' your change!</p>	<p>6×15 $15+15+15+15+15+15$ $15 + 15 = 30$ $30 + 15 = 45$ $45 + 15 = 60$ $60 + 15 = 75$ $75 + 15 = 90$</p>	<p>6×125 $6 \times (100 + 20 + 5)$ $(6 \times 100) + (6 \times 20) + (6 \times 5)$ $600 + 120 + 30 = 750$</p>	<p>24×8 $\times 2 \quad \div 2$ 48×4 $\times 2 \quad \div 2$ 96×2 $\times 2 \quad \div 2$ 192</p>						
<p><u>Breaking Factors into Smaller Factors</u></p> <p>12×25 \wedge 2×6 $2 \times 25 = 50$ $50 \times 6 = 300$</p>	<p><u>Grid Method</u></p> <p>35×7</p> <table border="1" data-bbox="805 931 1166 1036"> <tr> <td>x</td> <td>30</td> <td>5</td> </tr> <tr> <td>7</td> <td>210</td> <td>35</td> </tr> </table> <p>$210 + 35 = 245$</p>	x	30	5	7	210	35	<p><u>Partial Quotients</u></p> $\begin{array}{r} \overline{) 550} \\ \underline{- 150} \quad (10 \times 15) \\ 400 \\ \underline{- 300} \quad (20 \times 15) \\ 100 \\ \underline{- 30} \quad (2 \times 15) \\ 70 \\ \underline{- 60} \quad (4 \times 15) \\ 10 \end{array}$ <p>36 R 10</p>	<p><u>Multiplying Up</u></p> <p>$72 \div 8$ $8 \times$</p> <p>$5 = 40$ $8 \times 4 = 32$ $(5 + 4) = (40 + 32)$ $8 \times 9 = 72$</p>
x	30	5							
7	210	35							
<p><u>Repeated Subtraction</u></p> <p>$24 \div 6$ $24 - 6 - 6 - 6 - 6$ $6 \times 4 = 24$ SO $24 \div 6 = 4$</p>									

HWB

- Independence and responsibilities
- Creating Confident Kids (CCK)/Ice Pack
- Relationships
- Cooperation
- Puberty and reproduction
- Mindfulness and resilience
- Sport and clubs
- Internet safety
 - Internet Safety Day
 - Group Chats
 - Social Media
 - PC McPheat
- Discrimination
- Rights Respecting Schools
- Malawi Partnership

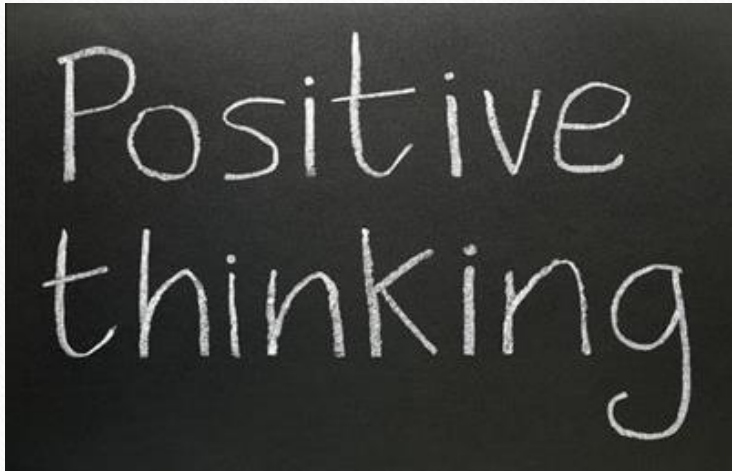
Learning Themes

- T1 - Democracy
- T2 - World War 2
- T3 - Enterprise
- T4 - All Around the World
- Social Subjects
- Expressive Arts
- Technologies
- Science
- RME



Positive Mindset

- Groupings – fluid, choice, challenging
- Support
- Boost
- Target setting
- Positive, safe ethos



Positive
thinking

Responsibilities

- Buddying
- Shared Reading Programme
- Junior Coaching
- Wet Play Monitors
- Committee Leaders and House Captains
- Focus Weeks



Expectations

- Organisation
- PE Kits
- Letters
- Independence
- Homework
- Communication with teacher
- Behaviour

P7 Events and Dates

- House Captain Elections – Wednesday 14th September 2022
- Inverclyde Parents' Evening – Thursday 26th September 2022 (6pm)
- Remembrance Service – Friday 11th November 2022 (10:45am)
- Christmas Party – Monday 19th December 2022 (evening)
- Inverclyde – Monday 8th/9th/10th May 2023
- School show – 7th/8th June 2023
- Sports Day – Monday 12th June 2023
- Belmont bump-up – 13th/14th June 2023
- Leavers' Service – Monday 26th June 2023 (11am)



Communication

- Seesaw
 - Please join and return consent
 - Pupil Journals are private
 - Information on Class Story
 - Messaging
- School website
- Twitter @AllowayPrimary



