

IS IT BETTER TO HAVE A P.S.Y. FIRST NAME?

P.G. HEART BOY

FROM THE P.S.Y. HEART BOY SERIES

MALORIE BLACKMAN

	<p>Daily Fluent in 5</p> <p>Weekly Arithmetic Test and Teaching</p> <p><u>Number (Place Value)</u> Roman numerals to 1,000, numbers to 10,000, numbers to 100,000, numbers to 1,000,000, read and write numbers to 1,000,000, powers of 10, 10 / 100 / 1,000 / 10,000 / 100,000 more or less, partition numbers to 1,000,000, number line to 1,000,000, compare and order numbers to 100,000, compare and order numbers to 1,000,000, round to the nearest 10, 100 or 1,000, round within 100,000, round within 1,000,000.</p> <p><u>Addition and Subtraction</u> Mental strategies, add whole numbers with more than four digits, subtract whole numbers with more than four digits, round to check answers, inverse operations (addition and subtraction), multi-step addition and subtraction problems, compare calculations, find missing numbers.</p> <p><u>Multiplication and Division (A)</u> Multiples, common multiplies, factors, common factors, prime numbers, square numbers, cube numbers.</p>	<p>Consolidate times tables according to heat map/ gaps. Intervention for chn not on track.</p> <p>Daily Fluent in 5</p> <p>Weekly Arithmetic Test and Teaching</p> <p><u>Multiplication and Division (A)</u> Multiply by 10, 100 and 1,000, divide by 10, 100 and 1,000, multiples of 10, 100 and 1,000.</p> <p><u>Fractions (A)</u> Find fractions equivalent to a unit fraction, find fractions equivalent to a non-unit fraction, recognise equivalent fractions, convert improper fractions to mixed numbers, convert mixed numbers to improper fractions, compare fractions less than 1, order fractions less than 1, compare and order fractions greater than 1, add and subtract fractions with the same denominator, add fractions within 1.</p>	<p>Daily Fluent in 5</p> <p>Weekly Arithmetic Test and Teaching</p> <p><u>Multiplication and Division (B)</u> Multiply up to a 4-digit number by a 1-digit, multiply a 2-digit number by a 2-digit number (area model), multiply a 2-digit number by a 2-digit number, multiply a 3-digit number by a 2-digit number, multiply a 4-digit number by a 2-digit number, solve problems with multiplication, short division, divide a 4-digit number by a 1-digit, divide with remainders, efficient division, solve problems with multiplication and division.</p> <p><u>Fractions (B)</u> Multiply a unit fraction by an integer, multiply a non-unit fraction by an integer, multiply a mixed number by an integer, calculate a fraction of a quantity, fraction of an amount, find the whole, use fractions as operators.</p> <p><u>Decimals and Percentages</u> Decimals up to 2 decimal places, equivalent fractions and decimals (tenths), equivalent fractions and decimals (hundredths), equivalent fractions and decimals, thousandths as fractions.</p>	<p>Daily Fluent in 5</p> <p>Weekly Arithmetic Test and Teaching</p> <p><u>Decimals and Percentages</u> Thousands as decimals, thousandths on a place value chart, order and compare decimals (same number of decimal places), order and compare decimals with up to 3 decimal places, round to the nearest whole number, round to 1 decimal point, understand percentages, percentages as fractions, percentages as decimals, equivalent fractions, decimals and percentages.</p> <p><u>Measurement (Perimeter and Area)</u> Perimeter of rectangles, perimeter of rectilinear shapes, perimeter of polygons, area of rectangles, area of compound shapes, estimate area.</p> <p><u>Statistics</u> Draw line graphs, read and interpret line graphs, read and interpret tables, two-way tables, read and interpret timetables.</p>	<p>Daily Fluent in 5</p> <p>Weekly Arithmetic Test and Teaching</p> <p><u>Geometry (Shape)</u> Understand and use degrees, classify angles, estimate angles, measure angles up to 180° draw lines and angles accurately, calculate angles around a point, calculate angles on a straight line, lengths and angles in shapes, regular and irregular polygons, 3-D shapes.</p> <p><u>Geometry (Position and Direction)</u> Read and plot coordinates, problem solving with coordinates, translation, translation with coordinates, lines of symmetry, reflection in horizontal and vertical lines.</p> <p><u>Decimals</u> Use known facts to add and subtract decimals within 1, complements to 10, add and subtract decimals across 1, add decimals with the same number of decimal places.</p>	<p>Daily Fluent in 5</p> <p>Weekly Arithmetic Test and Teaching</p> <p><u>Decimals</u> Subtract decimals with the same number of decimal places, add decimals with different number of decimal places, subtract decimals with different number of decimal places, efficient strategies for adding and subtracting decimals, decimal sequences, multiply by 10, 100 and 1,000, divide by 10, 100 and 1,000, multiply and divide decimals – missing values.</p> <p><u>Negative Numbers</u> Understand negative numbers, count through zero in 1s, count through zero in multiples, compare and order negative numbers, find the difference.</p> <p><u>Measurement (Converting Units)</u> Kilograms and kilometres, millimetres and millilitres, convert units of length, convert between metric and imperial units, convert units of time, calculate with timetables.</p> <p><u>Measurement (Volume)</u> Cubic centimetres, compare volume, estimate volume, estimate capacity.</p>
Maths Y6	<p>Daily Times Tables- continue TTRS Full Set workbook Consolidate times tables according to heat map/ gaps. Intervention for chn not on track.</p> <p>Daily Fluent in 5</p> <p>Weekly Arithmetic Test and Teaching</p> <p><u>Number (Place Value)</u> Numbers to 1,000,000, numbers to 10,000,000, read and write numbers to 10,000,000, powers of 10, number line to 10,000,000, compare and order any integers, round any integer, negative numbers.</p> <p><u>Addition, Subtraction, Multiplication and Division</u> Add and subtract integers, common factors, common multiples, rules of divisibility, primes to 100, square and cube numbers, multiply up to a 4-digit number by a 2-digit number, solve problems with multiplication, short division, division using factors, introduction to long division, long division with remainders, solve problems with division, solve multi-step problems, order of operations, mental calculation and estimation., reason from known facts.</p>	<p>Daily Times Tables- continue TTRS Full Set workbook Consolidate times tables according to heat map/ gaps. Intervention for chn not on track.</p> <p>Daily Fluent in 5</p> <p>Weekly Arithmetic Test and Teaching</p> <p><u>Fractions (A)</u> Equivalent fractions and simplifying, equivalent fractions on a number line, compare and order (denominator), compare and order (numerator), add and subtract simple fractions, add and subtract any two fractions, add mixed numbers, subtract mixed numbers, multi-step problems.</p> <p><u>Fractions (B)</u> Multiply fractions by integers, multiply fractions by fractions, divide a fraction by an integer, divide any fraction by an integer, mixed questions with fractions, fraction of an amount, fraction of an amount – find the whole.</p> <p><u>Measurement (Converting Units)</u> Metric measures, convert metric measures, calculate with metric measures, miles and kilometres, imperial measures.</p>	<p>Daily Times Tables- continue TTRS Full Set workbook Consolidate times tables according to heat map/ gaps. Intervention for chn not on track.</p> <p>Daily Fluent in 5</p> <p>Weekly Arithmetic Test and Teaching</p> <p><u>Ratio</u> Add or multiply? Use ratio language, introduction to the ratio symbol, ratio and fractions, scale drawing, use scale factors, similar shapes, ratio problems, proportion problems, recipes.</p> <p><u>Algebra</u> One-step function machines, two-step function machines, form expressions, substitution, formulae, form equations, solve one-step equations, solve two-step equations, find pairs of values, solve problems with two unknowns.</p> <p><u>Decimals</u> Place value within 1, place value – integers and decimals, round decimals, add and subtract decimals, multiply by 10, 100 and 1,000, multiply decimals by integers, divide decimals by integers, multiply and divide decimals in context.</p>	<p>Daily Times Tables- continue TTRS Full Set workbook Consolidate times tables according to heat map/ gaps. Intervention for chn not on track.</p> <p>Daily Fluent in 5</p> <p>Weekly Arithmetic Test and Teaching</p> <p><u>Fractions, Decimals and Percentages</u> Decimal and fraction equivalents, fractions as division, understand percentages, fractions to percentages, equivalent fractions, decimals and percentages, order fractions, decimals and percentages, percentage of an amount – one step, percentage of an amount – multi-step, percentages – missing values.</p> <p><u>Measurement (Area, Perimeter and Volume)</u> Shapes – same area, are and perimeter, area of a triangle – counting squares, area of a right- angled triangle, area of any triangle, area of a parallelogram, volume – counting cubes, volume of a cuboid.</p> <p><u>Statistics</u> Line graphs, dual bar charts, read and interpret pie charts, pie charts with percentages, draw pie charts, the mean.</p>	<p>Daily Times Tables- continue TTRS Full Set workbook Consolidate times tables according to heat map/ gaps. Intervention for chn not on track.</p> <p>Daily Fluent in 5</p> <p>Weekly Arithmetic Test and Teaching</p> <p><u>Geometry (Shape)</u> Measure and classify angles, calculate angles, vertically opposite angles, angles in a triangle, angles in a triangle – special cases, angles in a triangle – missing angles, angles in quadrilaterals, angles in polygons, circles, draw shapes accurately, nets of 3-D shapes.</p> <p><u>Geometry (Position and Direction)</u> First quadrant, read and plot points in four quadrants, solve problems with coordinates, translations, reflections.</p>	<p>Daily Times Tables- continue TTRS Full Set workbook Consolidate times tables according to heat map/ gaps. Intervention for chn not on track.</p> <p>Daily Fluent in 5</p> <p>Weekly Arithmetic Test and Teaching</p> <p><u>Themed Projects, Problem Solving</u></p> <p><u>White Rose Bakery</u> Scale recipes, best value, efficient strategies for calculations, profit and loss, drawing nets for packaging, cooking problems.</p> <p><u>White Rose Tours</u> Comparing climates, distance conversion, comparison problems with four operations and money, cost comparison including percentages and deals, budgets, time problems including time differences across the world.</p> <p><u>White Rose Futures</u> Careers, annual salaries and calculating monthly take home, calculating wages from hourly wage and shifts, deposits, mortgages and repayments.</p>
Science Y5	Properties and Change of Materials-	Renewable Energy (COP28)	Forces	Earth and Space	Living Things and their Habitats	Animals including Humans (life bus)

Science Y6	Electricity	Climate Change (COP28)	Light	Living Things and their habitats	Evolution and Inheritance	Animals including humans-
Computing	Programming: Micro:bit	Data Handling: Mars Rover 1	Data Handling: Mars Rover 2	Creating Media: History of Computers	Computer systems and networks: Bletchley Park	Skills showcase: Inventing a product
D&T	Textiles: Waistcoats (4 lessons)			Structure: Playgrounds (4 lessons)		Sculpture and 3D: Making memories - (5 lessons)
Art & Design		Sculpture and 3D: Interactive installation (5 lessons)	Painting and mixed media: Portraits (5 lessons)		Craft and design: Photo opportunity (5 lessons)	
History	British history 4: Were the Vikings raiders, traders or settlers?		British history 5: What was life like in Tudor England?		British history 6: What was the impact of World War II on the people of Britain?	
Geography		Why do oceans matter?		Why does population change?		Can I carry out an independent fieldwork enquiry?
RE	Words of wisdom Looking at Gospels and stories of Guru Nanak and Islamic stories.	Whose world is it?	Art and Music in religion.	The Easter Story	What does it mean to be a person of faith today? Focus on Christianity and Islam	What is Islam? Koran, Hajj, 99 article, stories, look at the theology, look at prayer example again,
Music	Year 5: Blues	Year 6: Dynamics, pitch and texture (Theme: Coast - Fingal's Cave by Mendelssohn)	Year 6: Theme and variations (Theme: Pop Art)	Year 5: Composition to represent the festival of colour (Theme: Holi festival)	Year 6: Songs of World War 2	Year 6: Composing and performing a Leavers' song**
PE	Y5/6 Leadership (PPP) Y5/6 OAA (PPP) Swimming: Tim Peake 10 week block	Y5/6 World War 2 Dance (PPP) Y5/6 Multi-skills (PPP) Swimming: Tim Peake 10 week block, Buzz Aldrin 10 week block	Y5/6 Fitness (PPP) Y5/6 Quicksticks (PPP) Swimming: Buzz Aldrin 10 week block	Y5/6 Gymnastics (PPP) Disc Golf Swimming: Neil Armstrong 10 week block	Y5/6 Yoga (PPP) Y5/6 Netball (PPP) Swimming top-up	KS2 Indoor Athletics (PPP) KS2 Kwik Cricket (PPP)
PSHE	Families and relationships	Health and wellbeing	Safety and the changing body	Citizenship	Economic Wellbeing	Transition
French (MFL)	French transport (5 lessons)	In my French house (5 lessons)	Music in France (5 lessons)	French verbs in a week (5 lessons)	Visiting a town in France (5 lessons)	French sport and the Olympics (5 lessons)