## Subject Intent





 in real world situations, through for example, role play, enterprise projects and visits out of school.

| Year Group | 5-6 | Week/s | Topic/Theme | Learning Outcomes Knowledge and Skills | Links to: |
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| Term |  |  | subject specific words |  | Gatsby Benchmarks |
|  |  |  |  |  | Learning Behaviours/Skills Builder |
| Autumn |  | 1-3 | Place Value <br> Digit, number, numeral, partition, combine, total, value, equal, ones, tens, hundreds, compare, order. | - Begin to build confidence with numbers to 100: counting, ordering and comparing. <br> - Some pupils will extend to partitioning tens and ones. <br> Reasoning and Problem Solving (RPS) Focus: Missing number opportunities <br> Enrichment Activities Ideas: Environmental numbers, finding and hiding numbers in the environment, make a number staircase, partitioning physical objects. <br> Key Questions: <br> What is...? <br> Can you count/partition....? | Literacy <br> Make marks on materials |
|  |  | 4-8 | Number, Addition and Subtraction <br> Parts, whole, combine, partition, total, number bond, multiple, add, subtract, equal, cherry model, ten frame. | - Recognise 'parts' and 'wholes'. <br> - Compose numbers to 20 in different ways, exploring number bonds, partitioning and combining. <br> - Composing multiples of 10 up to 100 . <br> RPS: Missing number opportunities | Literacy <br> Take part in discussions, talk or write about pictures |
|  |  | 9-12 | Multiplication and division <br> Group, set, multiple, multiply, divide, counting, equal, pairs. | - Unitising by counting in groups. <br> - Counting in twos, fives and tens. <br> - Work with arrays to solve simple problems. <br> RPS: Odd one out opportunities <br> Enrichment Activities Ideas: Target practice and other scoring games, stick tapping and listening games. <br> Key Questions: <br> How is...? <br> Can you....? | SMSC and British Values <br> Socialise with other pupils and other people, Cooperate with others (Mutual respect and Tolerance) |
|  |  | 13-15 | Properties of Shapes | - Naming common 2D and 3D shapes | Gatsby Benchmark 4 |


|  |  | Circle, square, triangle, rectangle, 2D, flat, 3D solid, cube, cuboid, sphere, pyramid, cone, cylinder, curved, straight, face, side, angle | - Sorting shapes based on their properties. <br> RPS: Odd one out opportunities <br> Enrichment Activities Ideas: making sculptures using recyclable materials, using mud, sand and clay to manipulate and flatten shapes. <br> Key Questions: <br> Can you find....? <br> What can you say about....? | Careers <br> Describe what you are like, what you are good at and what you enjoy doing. |
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| Spring | 1-2 | Review of Autumn term | Revisit elements from Autumn Term (as chosen by Class Teacher). <br> - Four operations in contexts (money/measures). <br> - Revisit of shapes. | Gatsby Benchmarks 4 and 6 |
|  | 3-6 | Fractions <br> Half, quarter, whole, part, equal, split, divide, share, groups. | - Recognising halves in a range of contexts. <br> - Begin to recognise quarters. <br> - Recognising a fraction as being part of a whole. <br> RPS: True/False/Sometimes true opportunities <br> Enrichment Activities Ideas: The perfect half e.g. snapping a dead twig, use tape to slip objects in half and quarters, sharing food e.g. make and divide a pizza. <br> Key Questions: <br> How did-------------happen? <br> Which one....? | SMSC and British Values <br> Cooperate with others, offer reasoned views (Mutual Respect and Tolerance) <br> Literacy <br> Take part in discussions. <br> Careers <br> Explain how to get what you want |
|  | 7-10 | Time <br> O'clock, half past, before, after, later, morning, afternoon, evening, day, week, month, year, clock face, hands, hour, minute, second. | - Read analogue and digital clocks using terms 'o'clock' and 'half past'. <br> - Understand everyday language linked to time including 'before', 'after', 'later', 'morning', 'afternoon', etc. <br> - Know the days of the week. <br> RPS: Visualisation opportunities <br> Enrichment Activities Ideas: make and play with piñata, rope swings, tell the time on a dandelion clock, play time games. Time different events. <br> Key Questions: <br> How long...? <br> Why did...? | Literacy <br> Talk or write about pictures, use new vocabulary. <br> Gatsby Benchmark 4 |


|  | 11-12 | Geometry: Sequences, Position and Direction <br> Above, below, next to, opposite, North, South East, West, compass, left, right, direction. | - Correctly use prepositions such as 'above', 'below', 'opposite' and 'next to'. <br> RPS: Visualisation opportunities <br> Enrichment Activities Ideas: plan a journey around a park, hunt the thimble, washing line and pegging out objects, make a large outdoor compass. <br> Key Questions: <br> Where is...? <br> How is....? | Literacy Use new vocabulary, speak coherently, talk or write about pictures. |
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| Summer | 1-3 | Money <br> Coin, note, bank card, cash, total, add, change, more, less, shopper, customer, shopkeeper. | - Recognise coins of different values. <br> - Combine smaller coins to make different totals. <br> - Compare amount of money. <br> RPS: Word problem opportunities. <br> Enrichment Activities Ideas: flipping and spinning coins, role play and shops, create a treasure box of coins to find, visit different shops, coin rubbings <br> Key Questions: <br> Can you find...? <br> Can you point to....? | Literacy <br> Role play <br> Gatsby Benchmarks 4 and 6 <br> Careers <br> Identify what you are learning from careers, employability and enterprise activities and experiences |
|  | 4-7 | Measures: Length, capacity and mass <br> Measuring cylinder, beaker, scales, balancing scales, metre stick, ruler, trundle wheel, centimetre, metre, millilitre, litre, gram, measure, estimate. | - Become familiar with measuring equipment and begin to record measurements on a chart. <br> - Compare lengths using everyday language such as 'longer', 'shorter', 'longest and 'shortest'. <br> RPS: Word problem opportunities. <br> Enrichment Activities Ideas: making a splash, bubble play, water play and filling stations, ordering natural objects by their mass, tiny or huge scavenger hunt. <br> Key Questions: <br> Can you list three...? <br> What did $\qquad$ happen? | Literacy <br> Take part in discussions, develop vocabulary Gatsby Benchmark 4 |
|  | 8-10 | Geometry: Properties of Shapes <br> Circle, square, triangle, rectangle, 2D, flat, 3D solid, cube, cuboid, | - Recognise 2D shapes on the faces of 3D objects. <br> - Use shapes in patterns and sequences. <br> - Begin to discuss the properties of 2D and 3D shapes. | Literacy <br> Use new vocabulary, make marks on materials. <br> SMSC and British Values <br> Participate positively in art, Interest in different faiths. (Individual Liberty) |



## Intended impact

 will have helped them to develop as team workers, effective participators and resourceful thinkers.

