West Lea
A SCHOOL WITHOUT LIMITATIONS

CURRICULUM OVERVIEW 2022 - 2023
MATHS

EXPLORER

AUTUMN 1

WHERE IS THE FISH?
Number: place value 5 counting
Measure: weighing
Number: place value

WHO HAS THE BIGGEST CAR?
Number: place value 5 counting
Measure: size, weight and capacity

EXCEPTION +

LET'S MAKE A TOUR BUSES PICNIC
Number: place value and counting
Measure: time, money

SPRING 1

CAN YOU SHOW ME HOW THE BUS MOVES?
Number: place value
Measure: time
Geometry: properties of shape

SUMMER 1

CAN WHAT SUPER HEROES ON MY COAT?
Number: place value and counting

WHERE IS THE TOSCH HOME?
Geometry: position and direction
Revisit & Develop

AUTUMN 2

WHO WAS SPOTTED ON A LAMP WHO?
Number: place value 5 counting
Geometry: properties of shape

WHAT'S THE TIME WE HOLD?
Number: place value and counting
Measure: time, money

MERMAID 1ST CYCLE A

SPRING 2

WHERE DOES THE SUN RISE IN THE MORNING?
Geometry: position and direction
Revisit & Develop

HOW MANY HOPS IN A HOPSCOTCH?
Number: place value and counting
Measure: capacity

SUMMER 2

LET'S PLAY FIVE SPECIALIST HOUSE
Number: place value 5 counting
Measure: time
Algebra: coding, Social the number

WHICH IS SHORTER, A HOT DOG SAUSAGE OR A PIZZA?
Number: place value 5 counting
Measure: length, weight and capacity

MERMAID 1ST CYCLE B

AUTUMN 1

HOW MANY SHAPES ARE IN A HULA HOOP?
Number: multiplication and division

WHERE DOES THIS MAP TAKE US?
Geometry: position and direction
Revisit & Develop

SPRING 1

HOW MANY CUBES CAN YOU SCOOP BEFORE THE BAG OTHER RUNS OUT?
Number: place value counting
Measure: time, money

HOW MANY CHILDREN ON OUR PLAYGROUND ARE ADULTS?
Number: addition & subtraction
Geometry: properties of shape

SUMMER 1

WHERE DOES THIS MAP TAKE US?
Geometry: position and direction
Revisit & Develop

AUTUMN 2

WATCH THE SNAKES & LADDERS!
Number: addition and subtraction
Measure: comparing and estimating

WHO WAS IN TEN GREEN BOTTLES?
Number: place value 5 counting
Algebra: coding, Rail Road Rising

MERMAID 2ND CYCLE A

SPRING 2

WE'RE GOING ON A SHAPE HUNT
Number: addition & subtraction
Statistics
Geometry: properties of shape

WHAT'S COOKING IN OUR MUD KITCHEN?
Number: multiplication & division
Measure: measuring and calculating

SUMMER 2

HOW MANY CUBES TO MAKE COVERS FOR THE THREE BEARS?
Number: multiplication & division
Statistics
Number: Fractions, decimals, percentages

HOW MANY CUBES TO MAKE COVERS FOR THE THREE BEARS?
Number: multiplication & division
Statistics
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MERMAID 2ND CYCLE B

AUTUMN 1

WHO CAN CROSS THE RIVER LAKE WITHOUT GETTING WET?
Number: addition & subtraction
Algebra: coding, Red Riding Hood

WHICH IS CHEAPER BUY ONE GET ONE FREE OR 2 FOR £1?
Number: addition & subtraction
Measure: comparing and estimating

SPRING 1

HOW MANY DIFFERENT SIZE SQUARES IN THE TOWER?
Number: addition & subtraction
Geometry: properties of shape

SUMMER 1

IF YOU INVENT A NEW COW, WHAT SHAPE WILL IT BE AND WHAT TRACK?
Geometry: position and direction
Measure: moving
Revisit & Develop

AUTUMN 2

HALF OF WHOLE?
Number: multiplication & division
Number: fractions, decimals, percentages

CAN YOU TRAVEL IN TIME IF YOU DON'T HAVE A TIME MACHINE?
Number: addition and subtraction
Measure: comparing and estimating

SPRING 2

CAN YOU TRAVEL IN TIME IF YOU DON'T HAVE A TIME MACHINE?
Number: addition and subtraction
Measure: comparing and estimating

HOW MANY MINUTES ELEVEN DOES YOU GET WITH 2 DICE?
Number: place value counting
Algebra: coding

SUMMER 2

MERMAID 5th CYCLE A

AUTUMN 1

WHAT'S THE BEST WAY TO CROSS THE RIVER?
Number: addition & subtraction
Statistics
Geometry: properties of shape

HOW LONG IS A CAR BRIDGE?
Number: multiplication & division
Measure: measuring and calculating

SPRING 1

HOW DO PEOPLE RECOGNISE AND USE MONEY?
Geometry: position and direction
Measure: money
Revisit & Develop

REAL WORLD MATHS, MONEY, MONEY, MONEY
Number: multiplication & division
Number: fractions, decimals, percentages

SUMMER 1

CAN YOU DECORATE 100 HUNDRED SQUARES
Number: place value counting
Algebra: coding

HOW MUCH IS THIS FOR CLASS?
Number: addition and subtraction
Measure: comparing and estimating

AUTUMN 2

MERMAID 5th CYCLE B

SPRING 2

WHERE CAN YOU FIND ROUND SHADOWS AND ROUND DOORS?
Number: multiplication & division
Measure: measuring and calculating

WHICH PLAYGROUND HAS 1000 A PERIMETER LESS THAN 200?
Number: Fractions, decimals, percentages
Statistics
Geometry: properties of shape

SUMMER 2

HASELBURY YEAR 7

AUTUMN 1

HOW MANY PEOPLE CAN YOU FIT IN A BIKE?
Number: addition, subtraction, multiplication, division
Measure: comparing and estimating

WHICH BRANCH HOUSE IS THE MOST EXPENSIVE?
Geometry: position and direction, shape
Measure: money
Revisit & Develop

SPRING 1

HOW MANY SHAPES CAN YOU FIND IN THE SCHOOL? WHAT SHAPE IS IT?
Number: Fractions, decimals, percentages
Statistics
Geometry: position & direction

SUMMER 1

HOW DO I SOLVE A MURDER MYSTERY?
Number: fractions, decimals, percentages

CAN YOU SOLVE THE MURDER MYSTERY?
Number: fractions, decimals, percentages

AUTUMN 2

HASELBURY YEAR 8

SPRING 1

CAN YOU ESTIMATE ANGLES CORRECTLY?
Measure: money
Revisit & Develop

CAN YOU SOLVE THE MYSTERY OF THE OLYMPIC RINGS?
Number: fractions, decimals, percentages
Probability

SUMMER 1

HASELBURY YEAR 9

AUTUMN 2

HOW LONG DOES IT TAKE TO GET TO PARIS?
Number: addition, subtraction, multiplication, division
Measure: comparing and estimating

WHAT'S THE BEST MOUNTAIN?
Number: place value 5 counting
Algebra: coding

SPRING 1

SOLVE THE WHOLE MYSTERY OF ROLLER COASTERS AND DANCERS
Number: fractions, decimals, percentages
Statistics
Geometry: position & direction

CAN YOU SOLVE THE MYSTERY OF THE OLYMPIC RINGS?
Number: fractions, decimals, percentages
Probability

SUMMER 1

HOW MANY BRICKS TO BUILD A SCHOOL? WHAT IS THE BEST WAY TO MAKE CEMENT?
Geometry: properties of shape
Measure: money
Revisit & Develop

CAN YOU WIN - COUNTDOWN FRACTIONS?
Number: ratio
Number: fractions, decimals, percentages

AUTUMN 1

HOW DO I USE THE TILLS IN THE SUPERMARKET?
Number: place value 5 counting
Measure: time
Algebra

LEARNING FOR LIFE YEAR 10 +

AUTUMN 1

WHAT SKILLS DO I NEED TO BE A GOOD SHOPPER?
Number: addition, subtraction
Statistics: handling data
Geometry: properties of shape

WHAT DO I LIVE WORKING IN A COFFEE SHOP?
Number: addition, subtraction
Measure: money

SPRING 1

HOW DO WE MAKE THE CUSTOMERS ARE HAPPY?
Number: fractions, decimals, including percentages
Measure: length, weight capacity

HOW CAN I DESIGN AND MAKE A PLACE FOR ME?
Geometry: position, direction, properties of shape
Measure: length, weight capacity
Revisit & Develop practice papers 5, 6 and 7

SUMMER 1

LEARNING FOR LIFE YEAR 11 +

AUTUMN 1

HOW MANY BRICKS TO BUILD A WAREHOUSE NEED TO COUNT THE CUSTOMER'S HAPPY?
Number: addition, subtraction
Measure: money

WHAT MATHS SKILLS DO I NEED TO BE A GOOD SHOPPER?
Number: addition, subtraction
Statistics: handling data
Geometry: properties of shape

SPRING 1

WHAT MATHS SKILLS DO I NEED TO BE A SUPERMARKET?
Geometry: position, direction, properties of shape
Revisit & Develop: practice papers

HOW DO PEOPLE CHOOSE A PLACE TO GO ON HOLIDAY?
Number: fractions, decimals, percentages
Measure: length, weight capacity

SUMMER 1

HORIZON YEAR 12 +

AUTUMN 1

WHAT MATHS SKILLS DO I NEED TO BE A COMPUTER?
Number: fractions, decimals, percentages
Algebra: including coding
Revisit & Develop

APPLYING MY MATHS SKILLS TO REAL LIFE COMPUTERS
Number: fractions, decimals, percentages
Algebra: including coding
Revisit & Develop

SPRING 1

WHAT DO I LEARN TO GET TO WORK ON TIME?
Number: addition, subtraction, multiplication, division
Measure: time, money
Algebra

WHAT DO I LIVE TO WORK IN A HOTEL?
Number: fractions, decimals, percentages
Measure: area, perimeter, volume

SUMMER 1

HORIZON YEAR 13

AUTUMN 1

WHAT SHAPES ARE THERE? HOW MANY FACES? WHAT HOW MANY?
Number: fractions, decimals, percentages
Measure: area, perimeter, volume

WHAT SKILLS DO I NEED TO BE A GOOD SHOPPER?
Number: fractions, decimals, percentages
Statistics: handling data & probability

SPRING 1

WHAT MATHS SKILLS DO I NEED TO BE A GOOD SHOPPER?
Geometry: properties of shape, angles, plans & elevations.
Revisit & develop: past papers

WHAT MATHS SKILLS DO CHEFS NEED TO BE A GOOD CHEF?
Geometry: properties of shape, angles, plans & elevations.
Revisit & develop: past papers

SUMMER 1

WHAT IS IT LIKE TO WORK IN A LONDON SANDWICH SHOP?
Number: addition, subtraction, multiplication, division
Measure: time, money
Algebra

APPLYING MY MATHS SKILLS TO REAL LIFE COMPUTERS
Number: mixed applications of number
Algebra: including coding

AUTUMN 2

HORIZON YEAR 13

SPRING 1

WHAT DO I LIVE TO WORK IN A HOTEL?
Number: fractions, decimals, percentages
Measure: area, perimeter, volume

WHAT SKILLS DO I NEED TO BE A GOOD SHOPPER?
Number: ratio & proportion
Measure: length, weight capacity

SUMMER 1

APPLYING MY MATHS SKILLS TO REAL LIFE COMPUTERS
Number: mixed applications of number
Algebra: including coding