YEAR B	Autumn	Spring	
	Castles and	On The Move	<u> </u>
Year 1 and 2 Maths	 Number: Place Value - count, read and write forwards and backwards (Y1 to 10/20; Y2 to 100); represent numbers as tens and ones (Y1 numbers from 11-20/tens and ones; Y2 numbers to 100, using place value chart); compare groups and numbers (Y1 one to one correspondence, compare groups using language, compare groups of objects, introduce <,> and = symbols, compare number 10 and 20; Y2 compare objects, compare numbers); order numbers (Y1 order objects and numbers) 10 and 20, ordinal numbers the number line; Y2 order objects and numbers); sort, count and represent objects (Y1 sort, count and represent objects); count one more and one less (Y1 count one more and one less) Number: Addition and Subtraction - fact families and number bonds (Y1 fact families - addition facts, find number bonds within 10, systematic methods within 10, compare number bonds, fact families - the eight facts, find and make number bonds, related facts; Y2 fact families - addition and subtractions, bonds to 100 (tens and ones), make the same amount - money); part-whole model (Y1 addition symbol, adding together, finding a part, subtraction-breaking apart); add and subtract (Y2 add and subtract 15, 10 more and 10 less, add and subtract 10s) Measurement: Length, Weight and Capacity - measure length (Y1 introduce measuring length; Y2 measuring length and height - cm and m); compare and order lengths (Y2 - four operations with length); weight and mass (Y1 introduce weight and mass; Y2 compare capacity (Y1 measure and compare capacity (Y1 - four operature) (Y2 tompare to 50, tens and ones, set of compare capacity (Y1 numbers to 50, tens and ones, represent numbers to 50, one more one less, compare mass - g and kg); capacity and volume (Y1 introduce capacity (Y1 count in 25, 5s 10s, counting in multiples (Y1 count in 25, 5s 10s, counting in founds; Y2 count in 25, 3s, 5s, 10s, count money - pence and pounds); equal groups, (make equal groups, add equal groups; Y2 recognise equal groups, make equal groups, add eq	 Number: Fractions - equal parts (Y2 make equal parts); halves (Y1 find a half; Y2 recognise a half, find a half; y2 recognise a third, find a quarter; thirds (Y2 recognise a third, find a third); unit and non-unit fractions (Y2 unit fractions, non-unit fractions, equivalence of 1/2 and 2/4, find three quarters); counting (Y2 count in fractions) Number: Multiplication, Division, Addition and Subtraction - sharing (make equal groups - sharing); grouping (make equal groups - grouping); divide by 2 (Y2 divide by 2, odd and even numbers); divide by 5 and 10 (Y2 divide by 5, divide by 10); add and subtract (Y2 crossing place value boundaries in addition and subtraction; using inverses) Money - money (Y1 recognising coins, recognising notes; Y2 count money - notes and coins, select money) Time - ordering events (Y1 before and after, dates); telling the time (Y1 time to the hour, time to the half hour; Y2 o'clock and half past, quarter past and quarter to, telling the time to 5 minutes); hours and days (Y1 days of the week; Y2 hours and days); write and compare time (Y1 writing time, comparing time; Y2 find durations of time, compare durations of time) Number: Place Value - place value to 100 (Y1 counting to 100, partitioning numbers, comparing numbers, ordering numbers, one more, one less); Y2 partitioning to add and subtract) Geometry: Shape - recognise and name shapes (recognise and name 2D and 3D shapes); 2D shapes (Y2 count side on 2D shapes, count vertices on 2D shapes, count edges on 3D shapes, count edges on 3D shapes, count vertices on 3D shapes); sorting (sort 2D and 3D shapes); patterns (Y1 patterns with 3D shapes); Statistics - statistics (make tally charts, draw pictograms, interpret pictograms, block diagrams) Problem-Solving Investigations 	 Number: Four Operation subtract, multiply and the inverse operation jump on the number Money – money (coi <,>,=)) Time - ordering even time to the hour, tim past and quarter to, thours and days); write time; Y2 find duration Geometry: Shape – 2 asymmetrical shapes understanding angles Statistics - increment pictograms, block dia charts, draw pictogram halves) Number: Place Value rounding numbers up Number: Fractions – fractions) Geometry: Position at turns); movement (Y turns); position (Y1 di patterns with shapes Problem-Solving Investigations

Summer

Wild and Wonderful - Minibeasts

erations – number lines (using number lines to add, and divide, counting in steps); inverses (understanding ion); Counting in steps and partitioning numbers to er line

coin totals, calculating change, comparing money using

ents (Y1 before and after, dates); telling the time (Y1 ime to the half hour; Y2 o'clock and half past, quarter b, telling the time to 5 minutes); hours and days (Y2 write and compare time (Y1 writing time, comparing tions of time, compare durations of time)

2D shapes (lines of symmetry, symmetrical and bes); angles (recognising and finding right angles; Y2 gles - obtuse/acute)

ents (Y1 make tally charts, draw pictograms, interpret diagrams with increments of 2, 5 and 10; Y2 make tally grams, interpret pictograms, block diagrams including

lue - estimation - (estimating with place value; up or down to their nearest 10 (Y1) or 100 (Y2) s - comparing fractions (compare fractions, sort

n and Direction - turns (Y1 describe turns; Y2 describing (Y1 describe position; Y2 describing movement and 1 describe position); patterns with shapes (Y2 making les)

English	Descriptive writing - the egg/secret quest Research - animals that hatch from eggs Information writing - Egg Book Information posters - reptiles Story sequencing - The Egg by MP Robertson Instruction writing - how to look after a dragon Poster - author study – MP Robertson Descriptive writing - William's Dragon – the purpose of a "lift the flap" Descriptive writing - the Glump Labels and captions - castles and knights Descriptive writing - Imagine you're a knight/princess Texts: The Egg - MP Robertson, William's Dragons - Alan Baker, Dragons - Judy Tatchell, Imagine You're a Knight - Meg Clibbon, Imaging You're a Princess - Meg Clibbon, information texts about reptiles, information texts about eggs, information texts about castles and knights	Mindmaps - transport Labels and captions – features on bicycles Leaflets – bicycle safety Information posters - penny farthings Poetry - tractor acrostics Labels and captions - features on a tractor Story writing - The Train Ride (rhyme and pattern) Leaflets and posters - advertising Amberley Chalk Pits Museum Texts: The Train Ride - June Crebbin, information texts about transport	Descriptive writing - M Information posters - n Non-chronological repo Research - minibeasts Riddles -minibeasts Poetry - minibeast acro Story writing - What th Recount - Pulborough F Texts; Crunching Munc Heard - Julia Donaldson Tempered Ladybird - En
Science	Seasonal change - what changes are there outside in Autumn? Seasonal walk noting changes Everyday materials – how are materials used in everyday life? Material hunt around the school Uses of wood around the school Investigating absorbency of materials - clearing spilt liquid Exploring waterproofing and absorbency - dragon's raincoat Comparative investigation - which material is best for letting light through? - materials for castle windows	Seasonal change - what changes are there outside in Winter and Spring? Seasonal walk noting changes Comparing winter clothing to summer clothing How do trees change over the seasons? Gathering data - which month/season has the most birthdays? Gathering data - how do we get to school? What harm can transport have on our environment? Protecting our environment posters - linked to global warming/transport use	Seasonal change - what What do I need to do to Plants Investigating what plan Designing my own allot Planting seeds and cari Main parts and functio Comparing evergreen a etc) Living things and their Where do minibeasts li Observing minibeasts i class for a day? - design Looking after caterpilla Releasing butterflies Minibeasts research an

Minibeast Experience - minibeasts eports - butterflies/caterpillars, ladybirds ts

crostics the Ladybird Heard h Brooks visit

nching Caterpillar - Sheridan Cain, What the Ladybird son, Beetle in the Bathroom - Brian Moses, The Bad-· Eric Carle, information texts about minibeasts

hat changes are there outside in the Summer? to stay safe in the summer? (sun safety posters)

- lants are there in our school and at the allotments? lotment plot
- aring for plants what do they need?
- tions of a plant (flower, stem, leaf, root)
- n and deciduous trees looking at leaves (size, shape,

ir habitats

- s like to live in our school?
- s in class what would you give them to live happily in igning habitats
- illars what are the different stages in its lifecycle?

and information texts (link to English)

History	 The lives of significant historical figures in the past compared to now - Queen Elizabeth I and II Chronological Understanding - investigating timeline of Queen Elizabeth II's life; comparison of own life with Queen Elizabeth II; exploring Coronation, Golden Jubilee, Royal Wedding, death of George VI, role of a monarch; creating timeline of castles; investigating roles of different people that used to live in a castle, e.g. jester, cook, etc. Historical Knowledge - comparing life of Queen Elizabeth II to Elizabeth I; investigating lifetime events (Coronation, Golden Jubilee, Royal Wedding, death of George VI); exploring Royal Pavilion; exploring lives of Queen Victoria and Prince Albert, Duke of Norfolk (Arundel Castle, the Debroase family (Bramber Castle); Medieval Day experience – medieval dancing and banquet Interpretations of History - exploring range of resources, videos, photographs; recounts from people, hot-seating; visiting castle to experience first-hand Historical Enquiry - asking questions of Royal Family; investigating how the Royal Family have changed over time; exploring key events (birth of babies George, Charlotte and Louis, Queen's birthday, Royal occasions); exploring monarchies of Queen Elizabeth I and II (comparison of childhoods, family trees, etc to own) Organisation and Communication - sorting events and objects into groups; using timelines to order events or objects; listening to and telling stories about the past; talking, writing and drawing about things from the past; drama/role play; writing (reports, labelling, simple recount); creating classroom display; annotating photographs 	 Comparing the life of a modern racing car driver – Lewis Hamilton with a racing car driver in the past Chronological Understanding - constructing timelines of transport and aircraft; comparison of lives of Norman Graham Hill and Lewis Hamilton; exploring transport in the past (first aeroplane flight, development of transport, history of cars) Historical Knowledge - comparing racing cars in the past; investigating history of transport (first flight, George Stephenson); visit to Amberley Chalk Pits Museum – vintage bus ride Interpretations of History - exploring range of resources, videos, photographs; recounts from people, hot-seating; first-hand experience of riding on vintage bus, observing transport at Amberley Museum Historical Enquiry - comparing lives of Norman Graham Hill and Lewis Hamilton; visit from Dan Beamish; visit from Tim Laughton (Penny Farthing) vintage bus; visit to Amberley Museum (vintage bus ride); investing changes in Formula 1 today; development of motocross; tractor visit Organisation and Communication - sorting events and objects into groups; using timelines to order events or objects; listening to and telling stories about the past; talking, writing and drawing about things from the past; drama/role play; writing (reports, labelling, simple recount); creating classroom display; annotating photographs 	
Geography	 Locational Knowledge – locate some UK castles on a map; recognise landmarks on a map and some geographical features of specific areas Place Knowledge - how near/far is Arundel, London, Caernarfon from Upper Beeding?; walk to Bramber Castle to look at proximity to Beeding, what is the area of Bramber like? Human and Physical Geography - how near/far is Arundel, London, Caernarfon from Upper Beeding?; walk to Bramber Castle to look at proximity to Beeding, what is the area of Bramber like? Geographical Skills and Fieldwork - place picture of castles in UK onto a map; devise a simple map, make a simple key 		 Locational Knowledg map showing route to account, e.g. whe within school Human and Physical features that most v office, a village hall, of Upper Beeding; d Geographical Skills a Beeding, talk about Beeding, using maps Upper Beeding land Beeding on an aerial
Art	 Drawing – taking pencil for a walk, lines, mark making; sketching outside (building and structures); investigating tone, light, dark, lines, patterns; working with focus artist, M P Robertson, design own dragon; observational drawing of Bramble castle Painting - decorating 3D dragons with paint; watercolour castles inspired by M P Robertson Collage - creating images from a variety of media 3D sculpture - clay dragons - manipulate malleable materials in a variety of ways e.g. rolling and kneading; understand safety and care of materials and tools; experiment constructing and joining clay; explore creating texture: create scales, facial features, etc Artist study – MP Robertson 	 Drawing - bicycle sketching, focusing on light, dark, shade, textures, patterns; pastel pictures (Joan Miro) Painting - colour mixing (colour wheel) – primary and secondary colours; creating bicycle paintings Artist study – Joan Miro 	 Drawing - observation creating light, dark, sobservational drawi Painting - monopring using textured paint Printing - monopring using leaves, stones, Collage - creating im Art through Technol images and effects w using eraser, shape a manipulate and creat Artist study – Vincent 1

edge - look at Upper Beeding and our locality; draw a te to school; use questions and words which add detail here do you cross the road?; recognise where places are

cal Geography - find out about our local village; discuss t villages might have – such as a school, a church, a post II, a pub etc; identify main physical and human features ; discuss main land uses

s and Fieldwork - plan route to walk around Upper ut significant places to visit; go for walk around Upper aps to identify points of interest; make a simple map of ndmarks using school in central position; locate Upper rial map

ational drawing of minibeasts extending techniques for k, shade, textures, patterns; introducing charcoal; wing of sunflowers

int bugs over watercolour wash; painting minibeasts int; painting sunflowers inspired by focus artist

int bugs over watercolour wash; printing backgrounds es, corks and sponges

images from a variety of media

nology - Miro pictures - use graphics package to create s with: lines by changing the size of brushes, shapes be and fill tools, colours and texture using simple filters to reate images

nt Van Gogh

	Computing Systems and Networks	Data and Information	Creating Digital Med
	 -To recognise the uses and features of information technology -To identify the uses of information technology in the school -To identify information technology beyond school -To explain how information technology helps us -To explain how to use information technology safely -To recognise that choices are made when using information technology Creating Digital Media – Writing -To use a computer to write -To identify that the look of text can be changed on a computer -To make careful choices when changing text -To explain why I used the tools that I chose 	 -To label objects -To identify that objects can be counted -To describe objects in different ways -To count objects with the same properties -To compare groups of objects -To answer questions about groups of objects Programming – Robot Algorithms -To describe a series of instructions as a sequence -To explain what happens when we change the order of instructions -To use logical reasoning to predict the outcome of a program -To design an algorithm 	 -To use a digital de -To make choices w -To describe what n -To decide how pho -To use tools to cha -To recognise that Programming – Anim -To choose a comm -To show that a ser -To identify the effe -To explain that eac -To design the part
ž	 -To compare typing on a computer to writing on paper Free Standing Structures - castles Design - generate ideas based on simple design criteria and own experiences; develop, model and communicate ideas through talking, mock-ups and drawings Make - plan, suggesting what to do next; select and use tools, skills and techniques, explaining choices; select materials/construction kits; use simple finishing techniques Evaluate - explore existing freestanding structures; evaluate product in relation to purpose, the user and original design criteria Technical knowledge - know how to make freestanding structures stronger, stiffer and more stable; know and use relevant technical vocabulary 	 To create and debug a program that I have written Wheels & Axles - vehicles Design - generate ideas and simple design criteria through talking and using own experiences; develop and communicate ideas through drawings and mock-ups Make - select and use range of tools and equipment; select and use range of materials and components Evaluate - explore and evaluate products with wheels and axles; evaluate ideas and product against original criteria Technical knowledge - explore and use wheels, axles and axle holders; distinguish between fixed and freely moving axles ; know and use relevant technical vocabulary 	 -To use my algorith Preparing Fruit & Veg - Design - design appeadesign criteria; generation investigating a variety of talk and drawings Make - use simple utwork vegetables according to evaluate - taste and e

<u>edia – Photography</u>

device to take a photograph s when taking a photograph at makes a good photograph photographs can be improved change an image at photos can be changed

nimation

nmand for a given purpose

- series of commands can be joined together
- effect of changing a value
- each sprite has its own instructions
- arts of a project
- ithm to create a program

g – caterpillar salad, insect fruit/veg creatures bealing product for a particular user based on simple rate initial ideas and design criteria through ty of fruit and vegetables; communicate ideas through

utensils and equipment safely; select range of fruit and g to their characteristics

d evaluate fruit and vegetables to determine intended evaluate ideas and product against design criteria ge - understand where range of fruit and vegetables and and use basic principles of a healthy and varied diet ne Eatwell plate); know and use relevant technical and

Music	 Use instruments to reflect topic or add sound effects to a story; invent symbols to represent sound and create a simple graphic score for pitch or duration that others can follow; Think of ways to improve compositions Performing - Nativity Songs Sing a series of simple songs tunefully and memorise words; Rhythm games - keep a steady beat and copy simple rhythm patterns. Interrelated Dimensions Pitch, Duration, Dynamics: Tempo, Timbre, Texture, Structure are covered 	Topic-related Music Performing• Learn to sing a series of transport songs taken from Out of the Ark;• Naming percussion instruments and how they are played;• Sing Wheels on the Bus using Makaton;• Accompany a song using tuned and untuned instruments;• Maintain an ostinato pattern; maintain a simply rhythmic pattern against othersListening and Reviewing Talk about music heard with appropriate vocabulary; begin to explore how music can affect emotions; recognise how music enriches our lives; identify different sound sources; identify well-defined featuresGary Numan (Cars), Gladys Knight (Midnight train to Georgia), The Beatles (Yellow Submarine), Kate Rusby (The Lorryride), Rod Stewart (Sailing), John Denver (Leaving on a Jet Plane), Cat Stevens (Peace Train), Fifth Dimension (Up, Up and Away), Van Halen (Jump)Improving and Composing • Create a graphic score about a car journey - invent symbols to represent sound and create a simple graphic score for pitch or duration that others can follow; think of ways to improve compositionsInterrelated Dimensions • Pitch, Duration, Dynamics: Tempo, Timbre, Texture, Structure are covered through all elements of performing, listening and appraising.Vocabulary: high, low and middle sounds; long and short sounds; fast and	
		through all elements of performing, listening and appraising.	<u>Vocabulary</u> : high, low ar slow; repetition and intr
	slow; repetition and introduction		

Y2 Locality Singing Festival;

gs taken from Out of the Ark 'Minibeasts' with actions; using tuned and untuned instruments

ing

ard with appropriate vocabulary; begin to explore how otions; recognise how music enriches our lives; identify ces; identify well-defined features

Ant Music), Rimsky Korsakov (Flight of the Bumblebee)

nposing

- s minibeast composition using sound effects and e and clap own rhythms;
- sound long/short, high/low, loud/soft (quiet);
- reflect topic or add sound effects to a story;
- epresent sound and create a simple graphic score for at others can follow;
- prove compositions

ions

namics: Tempo, Timbre, Texture, Structure are covered ts of performing, listening and appraising.

v and middle sounds; long and short sounds; fast and introduction

	• Sending and Receiving Games -	<u>Fundamentals and Fitness -</u>	• Target Games -
	 Pupils will develop their sending and receiving skills including throwing and catching, rolling, kicking, tracking and stopping a ball. They will also use equipment to send and receive a ball. Pupils will be given opportunities to work with a range of different sized balls. They will apply their skills individually, in pairs and in small groups and begin to organise and self-manage their own activities. They will understand the importance of abiding by rules to keep themselves and others safe. Ball Skills – In this unit, pupils will develop their fundamental ball skills such as throwing and catching, rolling, hitting a target, dribbling with both hands and feet and kicking a ball. Pupils will have the opportunity to work independently, in pairs and small groups. 	 Pupils will develop the fundamental skills of balancing, running, changing direction, jumping, hopping and skipping. Pupils will be given opportunities to work with a range of different equipment. Pupils will be asked to observe and recognise improvements for their own and others' skills and identify areas of strength. Pupils will be given the opportunity to work collaboratively with others, taking turns and sharing ideas. Yoga – Pupils learn about mindfulness and body awareness. They begin to learn yoga poses and techniques that will help them to connect their mind and body. The unit builds strength, flexibility and balance. The learning includes breathing and meditation taught through fun and engaging activities. Pupils will work independently and with others, sharing ideas and creating their own poses in response to a theme. 	 Pupils develop t Pupils learn how the skills of thro begin to self-ma skills they have <u>Net and Wall G</u> Pupils will develo They will develo wall games such and sending the chances of scori by the rules and teammates.
H	Pupils will explore space and how their body can move to express and idea mean a base to a facility. The until summand the in	 <u>Team Building Games</u> – Pupils develop their communication and problem-solving skills. They work individually, in pairs and in small groups. Throughout, there is an emphasis on teamwork. They learn to discuss, plan and reflect on ideas and strategies. They lead a partner whilst considering safety. Pupils have the opportunity to show honesty and fair play. <u>Invasion Games</u> – Pupils develop their understanding of invasion games and the principles of defending and attacking. They use and develop skills such as sending and receiving with both feet and hands, as well as dribbling with both feet and hands. They have the opportunity to play uneven and even sided games. They learn how to score points in these types of games and learn to play to the rules. 	 <u>Athletics</u> – In this unit, pup such as running athletic based a measuring perfo and against othe collaboratively a by identifying al <u>Striking and Fie</u> In this unit, pup striking and field catching, trackin to self-manage and play to the skills, strategies the situation.
	Me and My World Writing class rules/electing class reps Caring for my village Keeping safe on my way to school Who can help me? 999 / village wardens Online safety (passwords)	Dreams and Goals New Year Resolutions What would be my best day ever? What do I want to do better at? Setting challenges Why do people save money? Making money choices <u>Healthy Me</u> Keeping healthy - exercise Rules for a healthy school day Making safe choices How long should I sleep for? Fire safety (WSFS)	Relationships How do my friends see of Is keeping a secret a goo Who is special in my life How can I help a friend Changing Me Growing older Feelings – moving home Becoming independent Living and Growing – • Differences • How Did I Get Here? • Growing Up What is privacy? Transition to Y2/3

5 -

p their understanding of the principles of target games. ow to score points and play to the rules. They develop rowing, rolling, kicking and striking to targets. They manage their own games selecting and applying the ve learnt appropriate to the situation.

Games –

velop the basic skills involved in net and wall games. elop their understanding of the principles of net and uch as using the ready position to defend their space he ball away from an opponent to maximise their oring. They will learn to play games honestly, abiding nd showing respect towards their opponents and

upils will develop skills required in athletic activities ng at different speeds, jumping and throwing. In all activities, pupils will engage in performing skills and rformance, competing to improve on their own score thers. They are given opportunities to work y as well as independently. They learn how to improve areas of strength as well as areas to develop.

-ield Games

upils develop their understanding of the principles of elding games. They develop the skills of throwing and king and retrieving a ball and striking a ball. They begin e small sided games. Pupils learn how to score points e rules. Pupils will begin to think about how to use es and tactics to outwit the opposition appropriate to

e me? good/bad thing? ife? d at school?

me, losing a pet

		Christianity	Judaism	<u>Judaism</u>
		Is it possible to be kind to everyone all of the time?	How special is the relationship Jews have with God?	How important is it for
		• Discussion - what does it mean to be kind? What do we do if someone is	 Share promises and agreements we have made 	• Discuss - what is a cel
		unkind to us?	• Read the story of Abraham, the birth of Isaac and the Ten Commandments	• Explore - what is Pass
		 Explore the story of The Kind Man/ The Good Samaritan 	- what promises have been made?	• What has God asked.
		 Acts of kindness - do you agree or disagree? 	• Explore what is a mezuzah and the Shema - children create own	Reflection - create ow
		• Explore the story of Jesus healing the Paralysed Man - re-enact scenes	• Reflection - children write own promise to place in their mezuzah (class	
		 Children act out own story of kindness 	display)	<u>Judaism</u>
	RE	 Christian visitor - how does your faith affect your everyday life? 		What is the best way fo
	~	 Reflection - how can you be a better friend? 	Christianity	• Quiz - when are you o
			Is it true that Jesus came back to life again?	 Making timelines of c
		<u>Christianity</u>	• Discussion - have you ever lost a pet or someone special? How do you	Revisit different ways
		Why did God give Jesus to the world? (linked to Christmas)	remember them?	• Look at Bat/Bar Mitzw
		 Discussion - does the world need to be helped? 	 Look at eggs and hot cross buns as symbols of Easter 	B'Shevat
		• Compare advent calendars - which tell us about the Christmas Story?	 Share the Easter story - is Jesus's death the end? 	• Drawing four most im
		Re-tell the Christmas Story	 Draw what Christians believe happened next and what you think 	Children create own v
		Reflection - draw/write a scene from the Christmas Story, why God gave	happened	
		Jesus to the world, how I show love to the world	 Making Easter cards to celebrate new life 	

- or Jewish people to do what God has asked them to do? celebration meal/food? assover? What is a Seder meal?
- ed Jews to do? Sorting pictures and ordering importance
- own special meal
- for a Jew to show commitment to God?
- u old enough to...?
- of own milestones so far
- ays explored that Jews show their commitment to God tzvah ceremonies and tree planting ceremony Tu

important ways that Jews show commitment to God wheels of commitment