Long Term Scheme of Learning

Lower Key Stage Two - Year 3

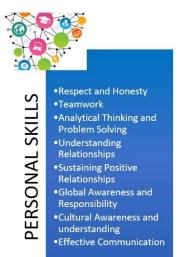
2023-24

At Barley Fields Primary School, our **Curriculum Promise** is a guarantee that we will provide every child with access to an aspirational, high-quality and sequenced curriculum where the needs of your child across a range of developmental areas –

academic, social and emotional – will always be at the centre of our provision and planning. We will provide stimulating wider curriculum where all children will benefit from a diverse range of educational experiences and residential visits during their journey through our school.

•Happy memories •A love of learning •Enjoyment and Fun •Practical Experience •Friendship, Family and Community •Tolerance and Understanding •Being Healthy and Keeping Safe •Rights and Responsibilities





Our curriculum is built on three pillars of intent and has the National Curriculum objectives at its foundation.

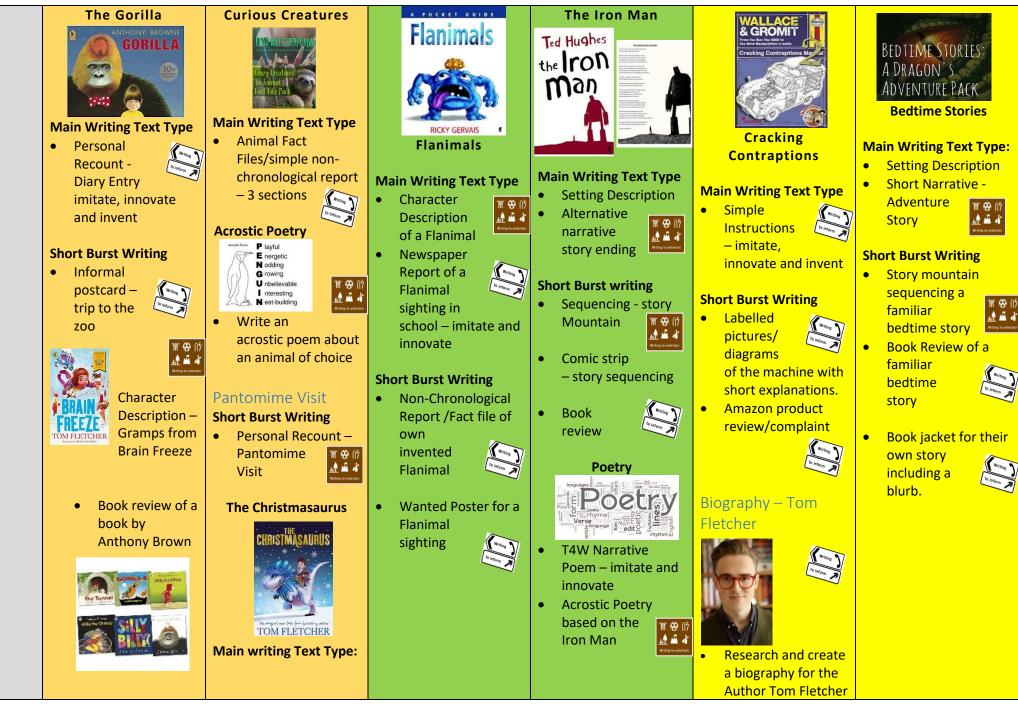
We have successfully designed our curriculum to be ambitious and to meet the needs of all children, developing their knowledge, skills and abilities to apply what they know and can do with increasing fluency and independence. As our children make progress; they know more, remember more and are able to do more.

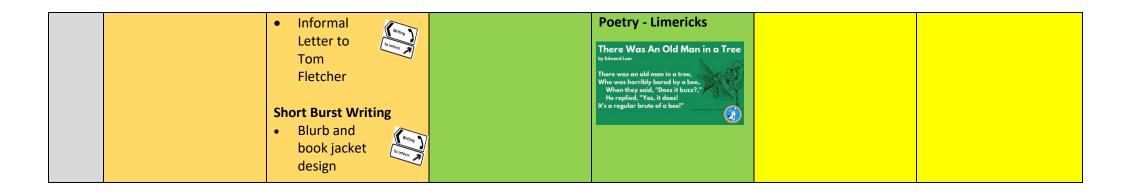
All children study the full curriculum. We have carefully considered and analysed our curriculum with regard to equality and the possible implications for pupils with protected characteristics including Special Educational Needs. We do not narrow our

curriculum offer to any child but may amend the curriculum to offer bespoke provision if necessary.

Our curriculum promotes high standards and excellence in all areas and is based on practical and first-hand experiential learning. We embed the use of technology across the curriculum and have excellent resources in this area. In addition to the academic and creative subject teaching, we will promote learning through growth mindset and the enhance the development of personal skills in a fun, caring and mutually supportive environment. Barley Fields Primary is a Rights Respecting School and our ethos actively promotes British Values and Global Learning.







	Guided Reading	Guided Reading	Guided Reading the function of the function o	Guided Reading the function of the function o			
Reading		VAR2 VAR2 Image: Dimosaurs The butterfly Lifecycle Africa The Sahara Desert Oceans Florence Nightingale	 Reading Comprehension Italy – Y2 Celebrations Around the World -Y2 British Inventions Chocolate Diwali Volcanoes 	Reading Comprehension TAR 3 TAR 3 Castle Helper, Castle Helper, Catch of the Day, Cursed Mummy. Roman Armies, Discoveries, Fab Fossil.	 Spider Problems, Game Over, Giant Love. Fascinating Plant Facts, Goalball, Light, Hidden 	 YEAR 3 Image: A start of the start of t	
English -	Class Reader	Class Reader	Class Reader	Class Reader	Class Reader		
	Enhanced Reading for Pleasure More stories by Anthony Browne.	Enhanced Reading for Pleasure Stories by Tom Fletcher that continue on from The Christmasaurus.	Enhanced Reading for Pleasure Stories by Ricky Gervase	Enhanced Reading for Pleasure Poetry Spine Text	Enhanced Reading for Pleasure More stories by Roald Dahl.	Enhanced Reading for Pleasure More stories by Jeremy Strong.	
	Independent Reading Level Expectation Gold books	Independent Reading Level Expectation Gold books	Independent Reading Level Expectation	Independent Reading Level Expectation	Independent Reading Level Expectation	Independent Reading Level Expectation	

S	 Number line to 100 Hundreds Representing numbers to 1000 Partitioning numbers to 1000 Flexible partitioning to 1000 	Number – addition and subtraction 2 weeks 1. Subtract two numbers (across a 10) 2. Subtract two numbers (across a 100) 3. Add 2-digit and 3-digit numbers 4. Subtract a 2-digit number from a 3-digit number from a 3-digit number 5. Complements to 100 6. Estimate answers	Multiplication and Division 2 weeks 1. Multiples of 10 2. Related calculations 3. Reasoning about multiplication 4. Multiply a 2-digit number by a 1-digit number - no exchange 5. Multiply a 2-digit number by a 1-digit number - with exchange	Measurement Length and Perimeter 2 weeks 1. Measure in metres and centimetres 2. Measure in millimetres 3. Measure in centimetres and millimetres 4. Metres, centimetres and millimetres 5. Equivalent lengths (metres and	Measurement – Time 3 Weeks 1. Recognising fractions as a link to telling the time 2. Roman numerals to 12 3. Tell the time to 5 minutes 4. Tell the time to the minute 5. Tell the time on a digital clock – 12hour 6. Tell the time on a	3D Shape Properties W W W Seconetry Properties of Shape 2 weeks 1. Turns and angles 2. Right angles 3. Compare angles 4. Measure and draw accurately 5. Horizontal and vertical 6. Parallel and perpendicular 7. Recognise and describe 2 D shapes
Mathematics	 7. Hundreds, tens and ones 8. Find 1, 10 or 100 more or less 9. Number line to 1000 10. Estimate on a number line to 1000 11. Compare numbers to 1000 12. Order Numbers to 1000 13. Count in 50s 13. Count in 50s 14. Apply number bonds 14. Apply number bonds 	 Estimate answers Inverse operations Make decisions Make decisions Multiplication and <u>Division</u> 3 weeks Multiplication – equal groups Use arrays Multiples of 2 Multiples of 5 and 10 Sharing and grouping Multiply by 3 Divide by 3 The 3 times-table Multiply by 4 	 6. Link multiplication and division 7. Divide a 2-digit number by a 1-digit number – no exchange 8. Divide a 2-digit number by a 1-digit number by a 1-digit number – flexible partitioning 9. Divide a 2-digit number by a 1-digit number by a 1-digit number by a 1-digit number a 1-digit number – with remainders 10. Scaling 11. How many ways? 	 (nerres and centimetres) 6. Equivalent lengths (centimetres and millimetres) 7. Compare lengths 8. Add lengths 9. Subtract lengths 10. What is perimeter? 11. Measure perimeter 12. Calculate perimeter 12. Calculate perimeter 12. Calculate perimeter 14. Measure perimeter 15. Number Fractions 2 weeks 1. Understand the 	 a. Tell the time of a digital clock -24 hour 7. Use am and pm 8. Years, months and days 9. Days and hours 10. Hours and minutes – use start and end times 11. Hours and minutes - use durations 12. Minutes and seconds 13. Units of time 14. Solve problems with time 	 describe 2-D shapes 8. Draw polygons 9. Recognise and describe 3-D shapes 10. Make 3-D shapes 10. Make 3-D shapes 10. Make 3-D shapes 10. Measurement Mass 1 Week 1. Use scales 2. Measure mass in grams 3. Measure mass in kilograms and grams 4. Equivalent masses (kilograms and grams) 5. Compare mass
	2. Add and subtract 1s to a 3 digit number	 Divide by 4 The 4 times-table Multiply by 8 	2 weeks 1. Pounds and Pence - Recognise and use	denominators of unit fractions	Fractions 3 weeks	 Compare mass Add and subtract mass

	 Spot the pattern Add 1s across a 10 Add 10s across a 100 Subtract 1s across a 100 Subtract 10s across a 100 Make connections Add two numbers (no exchange) Subtract two numbers (no exchange) Add two numbers (across a 10) Add two numbers (across a 100) 	13. Divide by 814. The 8 times-table	 coins to make different amounts Convert Pounds and Pence Add and subtract amounts of money Subtract amounts of money Understand the concept of giving change in a practical context and using simple methods Favorite Pets Pet Tally Marks Number difference minute of the set of	 Compare and order unit fractions Understand the numerators of non- unit fractions Understand the whole Compare and order non-unit fractions Fractions and scales Fractions on a number line Count in fractions on a number line Equivalent fractions on a number line Equivalent fractions as bar models 	 Recognising fractions of shapes Add fractions Subtract fractions Partition the whole Unit fractions of a set of objects Non-unit fractions of a set of objects Reasoning with fractions of an amount 	 Measurement Capacity L = litres Measure capacity and volume in millilitres Measure capacity and volume in litres and millilitres Equivalent capacities and volumes (litres and millilitres) Compare capacity and volume Add and subtract capacity and volume
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	Plants How Plants Grow and Reproduce	Animals including Humans Health and	Forces Forces and Magnets	Rocks, Fossils and Soil	Light Light and Shadow	Scientists and Inventors
		Movement				Scientists and Inventors
	1. What are the parts	1. Why do we eat?	1. What is a force?	1. Are all rocks the	1. Why do we need	1. Who was Marie
JCe	and functions of flowering plants? 2. How is water	 What is a healthy, balanced diet? How do animal diets 	 How do objects move on different surfaces? 	same? 2. How can we classify rocks?	light? 2. Why do we have night and day?	Curie and what is she known for?
Science	transported around plants?	differ? 4. To investigate what	3. How do Magnets Work?	3. How can we investigate the	 What is a shadow? How do shadows 	2. Who was Mary Anning and what is
0,	3. What is essential for the growth of green	pets eat? 5. How are the	4. Which materials are attracted to	properties of rocks? 4. What is soil?	behave? 5. How do shadows	she known for? 3. What is an electromagnet and
	plants? 4. How does	skeletons of humans and animals	magnets? 5. What properties do	5. What are fossils and how are they	change during the day?	why are they
	pollination occur?	different?	magnetic materials have in common?	formed?	6. How is light	important?
	 How are seeds dispersed? 	6. Why is the skeleton important?7. How do our muscles help us to move?	6. How do we use Magnets	 What is a palaeontologist? 	reflected?	



	 How does a digital device work What parts make up a digital device? What do Digital Devices do? In class/iPad How am I connected? How are computers connected? What does our school network look like? - <i>In</i> <i>class lesson</i> 	 What is animation? iPad lesson Can I make a stop Frame animation? Can I create a storyboard and plan for an animation? Can I complete a simple stop frame animation? How can I review and edit my animation? How can I evaluate my animation? 	 How can we use a publishing programme to add text and images? How can we alter text, font size, colour and layout when publishing? Complete on computers How can we use templates to make a magazine cover? computer suite Can I add content to my magazine ? computer suite Can I look at how information can be laid out for different purposes? - computer suite Why is desktop publishing important? - computer suite 	 How can we use yes/no questions to organise data? In class Using questions to create a branching database - classroom Can I create a branching database using software – iPads or computers What is an Attribute and how can it be used in a branching database? iPad or computer suite Can I combine my skills to create a branching database about dinosaurs - planning? – classroom Can I combine my skills to create a branching database about dinosaurs - planning database about dinosaurs - computers 	 What do I know about using the animation program ScatchJr?- In class What happens when we try to create movement for a number of sprites? - In class What happens when we try to create movement for a number of sprites? - In class Can I create sequences of movements through programming?- In class Can I create sequences of movements through programming?- In class Can I create sequences of movements through programming?- In class Can I create and class Can I create class Can I create class Can I create a program linked to a task description? - In class 	 Can I describe the relationship between an event an and action in animation?- In class Can I choose a character and manipulate movement with programming? - In class Can I adapt my program?- In class Can I develop my program adding additional features - Computers Can I debug my program – Computers Can I design and create a maze-based challenge using my programming skills? - Computers
Digital Literacy			Managing online information	Managing online information	Online relationships Privacy and security	<mark>ලිලිා</mark> Online bullying ක්ෂා Online reputation

	Geographical Skills and Field Work Investigating Our Local Area	Physical Geography Volcanoes	Locational Knowledge The United Kingdom
рhy	Ingleby Barwick – Local Field Study		
Geography	 Where do we live? How can we use a compass to navigate our local area? What is land use like in Ingleby Barwick? Save our school! What work do people do in Ingleby Barwick? 	 What is the structure of the Earth? What is a volcano? Where are the world's famous volcanoes found? What are the five deadly features of a volcanic eruption? Can I explore the effects of volcanic eruptions on Montserrat? Why do people live near volcanoes? 	 What do I know about the geographical features of the country I live in? What is a county? Do we live in a village, a town or a city? What are the main differences between hills and mountains? Which seas and coasts are located in and round the UK? Where are the major rivers of the UK?

		Stone Age to Iron Age	Invaders and Settlers -	Anglo Saxons (settlements)
			Romans	
	1.	How long ago was the Stone Age, and how long	1. Why did the Roman Emperor Claudius leave hot,	1. Why did the Saxons invade?
~		did it last?	sunny Italy to invade cold, wet Britain?	2. Where did the early Anglo-Saxons live and how
5	2.	How have archaeologists found out about daily	2. Should the Celts fight the Romans?	do we know?
History		life during the Stone Age?	3. What was Boudicca?	3. How did the Anglo-Saxons make their clothes?
Ξ	3.	What can artefacts tell us about daily life in the	4. How did the Romans influence Britain?	4. How did people's lives change when
		Stone Age?	5. Why did the Roman rule Empire suddenly came	Christianity came to Britain and how can we be
	4.		to an end in Britain?	sure?
		when man started to farm?	6. What have the Romans ever done for us?	5. How did Anglo-Saxons entertain themselves?
	5.	.	(Assessment)	6. How do we solve the mystery of the empty
		from a study of Skara Brae? (Historical Enquiry)		Anglo-Saxon grave?
	6.	Why is it so difficult to work out why		
		Stonehenge was built?		

Education	Games Invasion Games Tag Rugby PPA	PPA Outdoor Adventurous Activities Problem Solving PPA	Dance and Movement Enrichment – S Jones		iming er Led	I I
Physical Edue				Games Net and Wall – Tennis Enrichment – A Clayton	Running and Jumping Outdoor Athletics PPA Sports Day	Games Striking and Fielding Cricket T Andrew
	Athletics - Running Cross Country Teacher Led	Games Invasion Games Football Enrichment – T Andrew	Gymnastics Symmetry and Asymmetry	Gymnastics Bridges PPA	Dance and Movement Enrichment - S Jones	Games Invasion Handball

	I	'm Learning French		Instruments	Fr	uits and Vegetables	F	ruits and Vegetables		Ancient Britain		Ice Cre	ams
	(J'	apprends le Francais)		(Les Instruments)		(Les Fruits et Les		(Les Fruits et Les	(Ľ	ancienne histoire de	(L	e Glaces)	14
	E	Early Language Unit	E	Early Language Unit		Legumes)		Legumes)	10	a Grande Bretagne)		Early	
		Bierverue			E	arly Language Unit		Early Language Unit		Early Language Unit The history of ancient Britain		anguage Unit	
	1.	Where is France on	1.	Can you say and	1.	Can you say, read	1.	Can you say, read	1.	What are the 6 key	1.	Can you sa	
		a world map and		write trumpet,		and write the		and write the French		periods of Ancient		and write	
		can you name some		clarinet, drum,		French for apple,		for spinach, onions,		Britain in French?		French for	· · · · · · · · · · · · · · · · · · ·
		cities found in		guitar and flute in		strawberry, peach,		carrots, aubergines	2.	Can you introduce			trawberry,
	2	France?	2	French?	2	banana and cherry?	h	and courgette?		yourself as a Stone		<i>pistachio</i>	
	Ζ.	Can you ask and answer the	Ζ.	Can you say and write harp, piano,	2.	Can you say, read and write the	Ζ.	Can you say, read and write the French		Age, Bronze Age or	2.		
		question, ça va?		triangle, violin and		French for <i>orange</i> ,		for tomatoes, green		Iron Age man or woman?	Ζ.	and write	
	2	Can you ask and		cymbals in French?		plum, pear, kiwi and		beans, peas,	3.	Can you tell me		French for	
MFI	5.	answer the	3	Can you say and		apricot?		mushrooms and	9.	which hunting tools		chocolate,	
2		question, Comment	9.	write all 10 of the	3.	Can you say, read		potatoes?		would have been			ackcurrant
		Tu T'appelles?		instruments we	•••	and write the plural	3.	Can you say, read		used in the Stone		and lemor	
	4.	Can you count to 10		have learnt so far in		form of each fruit		and write the French		Age, Bronze Age and		cream?	
		in French?		this unit?		we have learnt so		for <i>'a kilo of'</i> a given		the Iron Age, in	3.	Can you u	se the
	5.	Can you name the	4.	Can you say and		far?		vegetable?		French?		phrase 'Je	2
		10 most common		write 'Je joue' to tell	4.	Which fruits do you	4.	Can you use 'Je	4.	What type of		voudrais	.' to order
		colours in French?		me an instrument		like?		voudrais' to ask for		dwelling did people		an ice-cre	
	6.	What have you		you play?	5.	Which fruits do you		a quantity of		in the Stone Age,	4.	Can you o	
		learnt in the unit,	5.	What have you	_	dislike?	_	vegetables?		Bronze Age and the			in a tub or
		J'apprends le		learnt in the unit,	6.	What have you	5.	Can you use 'et' as a	_	Iron Age live in	_	a cone?	
		Francais?		Les Instruments so		learnt in the unit,		conjunction to list	5.	What have you	5.		
			c	far?		Les Fruits?		which vegetables		learnt in the unit, L'ancinne histoire de		the inform	
			ь.	What have you learnt in the unit,				you would like to purchase?		la Grande Bretagne?		have learn	es' to order
				Les Instruments?			6	What have you		la Granue Dretagne?		an ice-cre	
							0.	learnt in the unit,					
								Les Legumes?					

	Let your spirit fly! Let Your Spirit Fly A for a	THOMAS	Bown Away Recorder Bock	Bring Us Together	Reflect, Rewind and Replay
Music	 Have you heard the song 'Let your spirit fly' by Joanna Mangona? Can you play alongside the song? Can you improvise alongside the song? Can you compose with the song? Can you compose with the song? Do you know the song 'Ain't No Mountain High Enough' by Marvin Gaye? Consolidation of composition of musical sections. Do you know the song 'You're the First, the Last, My Everything' by Barry White? Consolidation of composition of musical sections. Haying the glockenspin Exploring and developin playing skills Do you know the notes D and E? Can you play using the notes C and D? Can you play using the notes C,D, E an F Can you create a composition? 	 a song 'Three Little Birds?' Who is it by? 2. Have you play alongside the music? 3. Can you improvise with the music? 4. Have you heard the song 54-46 was my number by the Maytals? Can you compose musical 	 Playing the recorder Exploring and developing playing skills 1. What do you know about the recorder? Can you play the note B? 2. Do you know how to play the note A? 3. Do you know how to play the note G? 4. Do you know how to play the note E? 5. Do you know how to play the note D? 6. Do you know how to play the note C? 7. Do you know how to play the note high D? 	 What is the song Bringing Us Together? Who is it by? Can you play an instrument alongside a song? Can you improvise alongside the song? Can you compose with the song? What do you know about composing? Can you perform what you have been learning? 	 What is a production? How will this production look different from your end of year production in Year 2? How do we communicate thoughts and feelings of a character or songs? What do you do if you lose your part? How can we make sure that the audience can hear and understand us? Look at your performance. What would you change? How could you improve it? Are you ready to perform?

	Topic link – Science Plants	Topic link – English	Famous Buildings
and Design	Artist: Georgia O'Keeffe	Flanimals Character Design	Architect: Christopher Wren
	1.Who is Georgia O'Keeffe?	1.What is character design?	1.What is architecture?
Art	2.What is open and closed composition?	2.Why is shape important when designing your	2. What patterns can you see in the buildings?
	3. Can you use a viewfinder?	character?	3.What is a mosaic?
	4.Can you create digital art?	3.Why do artists choose certain colours?	4. What famous buildings do you know?
	5. what are warm and cool colours?	4. Can you create a character?	5.Who was Christopher Wren?
	6. Can you create a piece of artwork in the style of	5. Can you turn your character into a sculpture?	6. Can you design a building?
	Georgia O'Keeffe?	6. Can you be a character designer?	

	Textiles - 2-D shape to 3-D product -	Structures - Shell structures (including computer-aided design)	Food - Health and Nutrition Sandwich Snacks		
DT	Seasonal Stockings MODULE PLANNER – 2D SHAPE TO A 3D PRODUCT	Packaging MODULE PLANNER – SHELL STRUCTURES	MODULE PLANNER – HEALTHY AND VARIED DIET		
	1. What is a Christmas Stocking?	1. What is packaging?	1. What do I know about sandwiches?		
	2. How do I join materials – sewing techniques?	2. How can we use a 2D net to create a 3D	2. What do I like about sandwiches?		
	3. How do I join materials – decoration	structure?	3. Can I design a sandwich for a purpose?		
	techniques?	3. What are graphics?	4. Can I create a healthy sandwich?		
	4. How can I design my Christmas stocking?	4. Can I design a package for an Easter Egg?	5. How did my sandwich turn out?		
	5. How can I make my Christmas stocking?	5. Can I make a package for an Easter Egg			
	6. What do I think of my finished product?	6. What do I think about my design?			

	Sacred Texts: What is the Bible and why is it important?	Festivals/ Beliefs and Practice What are the symbols associated with Christmas?	Places of Worship: What is a church and why is it important? Visit to a church	Festivals/Beliefs and Practices: What are the signs and symbols associated with Easter?	Festivals/Beliefs and Practices: What do Jewish people believe?	Festivals/ Beliefs and Practices: What is EID and why is it important?
RE	 What is the Bible and why is it important to Christians? How did the Bible travel to the UK? What is Lindisfarne Monastery and what happened there? How difficult was it to copy the Gospel by hand? 	 What do I already know about the story of Christmas? What are the differences between a sign and a symbol? What are some of the Christian symbols of Christmas? Why is light an important part of Christmas? What is a Christingle Service? 	 What are the external features of a church? What are the Internal Features of a Church? A trip to the local Church Can we create a tour guide for our local Church 	 Who believes in Christianity? What is a church? What is the purpose of a church? Who visits a church? Who visits a church? What is Easter? What happened to Jesus at Easter? 	 What are Shabbat symbols and what do they mean? How do Jews keep a kosher home? What is the Shema and the Mezuzah and why are they important to Jews? What are the features of a synagogue? What are the ten commandments and how are they important to Jews? 	 Who is Muhammed and why is he important to Islam? What is Ramadan and what is it like for Muslims? What is Eid and how is it celebrated? How are religious festivals similar and different?

PSHE	 Health and Wellbeing It's My Body Wellbeing It's My Body What does your body, need to be healthy and you eat junk food regularly, what are the effects on your body? Why is it important to get enough sleep and how we can getting enough sleep and how we can getting enough sleep keep our bodies and minds healthy? What are drugs and how can I stay safe around drugs? What choices do I have and how can I make better, healthier choices? What might we like to 	 Relationships – Be Yourself What makes someone unique and what is an identity? What are emotions and is it okay to feel worried sometimes? What is being assertive and how and when can we be assertive? What messages do we get from the media about how people should look, feel and behave? Are those messages realistic? 	 Relationships - Team What are the features of a good team and how do team members benefit from being in a team? How is our team affected by our actions and how do the actions of our teammates affect us? What happens when we fall out with our team members and how can we solve these problems? Do I know what are rights are and do I understand he responsibility that 	 Living in the Wider World – Britain Rights What are rules and what is the law? How are rules and laws enforced and how do rules and laws help us? What is diversity, why is it important and why should we be respectful of others? What does liberty mean and what are the rights by British people? What does being British mean to me and does 'being British' mean the same to all people? 	 Living in the Wider World Money Matters World Money Matters Why do people go to work and what other ways do people get money? What affects the decisions we make about spending money and how might spending decisions we make affect others and the environment? Why do adverts try to influence the way we spend money and how do they do it?
	do when we grow up and what skills would we need to develop in order to achieve this?		comes with rights?		
RSE	Body Differences	Personal Space		Families – who gives me help and support?	
	 Identify that people are unique and to respect those differences Explore the difference between male and female bodies Identify and respect body differences between ourselves and others Name male and female body parts using agreed words 	 Consider appropriate and inappropriate physical contact and consent Understand that each person's body belongs to them Understand personal space and unwanted touch 		 Explore different types of families and who to go to for help and support Understand that all families are different and have different family members Identify who to go to for help and support 	