Curriculum Map 2024-2025 Year 5

Term	Autumn A	Autumn B	Spring A	Spring B	Summer A	Summer B
Global Theme	TELLIN	G TALES	REACH FOR	THE STARS	WONDERFU	
Values	October November	ber – ResponsibilityJanuary - Indepentober - RespectFebruary - Carimber – FriendshipMarch – Beliecember - PeaceApril - Freedo		- Caring - Belief	Caring June – Honesty July – Perseverance	
Local/National/Global & Whole school events	Black History Month National Poetry Day United Nations Day	Remembrance Day Anti-Bullying Week Stories Around the Campfire Children in Need Winter Bazaar	TT Rockstar Day Safer Internet Day Random Act of Kindness Day	World Book Day Science Week Comic Relief Fairtrade Week	One World Week Walk to School Week International Evening	Sports Day Summer Fayre
Curriculum Topic – So What?	What can the life and achievements of the Ancient Greeks tell us about their impact on the Western World? History	What are the similarities and differences between a region of the UK and a region of Finland? Geography Petite Enquiry – How can we make a bridge move?	How do movements within the Solar System affect us? Science	How did reigning Monarchs utilise their power over different time periods? History	How can we use fieldwork to help us understand our surroundings? Geography	How has portraiture changed over time, considering the use of materials? Arts
Suggested quality texts for English Class reader author focus: Onjali Q. Rauf and Gillian Cross	<i>The Flaming Olympics</i> by Michael Coleman <i>A Variety of Myths</i> <i>and Legends</i>	Mighty Mikko: A Book of Finnish Fairy Tales by Parker Fillmore The Whale by Vita Murrow (P4C) 13 Bridges Children Should Know by Brad Finger	<i>The Boy with the Power of a Star Pheonix</i> by SF Said <i>Range of non-fiction texts around space</i>	<i>Gansta Grannie</i> by David Walliams <i>The Conquerors</i> by David Mckee (P4C)	<i>Stig of the Dump</i> by Clive King	<i>Collected Plays for Children</i> by Ted Hughes <i>The Water Tower</i> by Gary Crew (P4C)
English extended writing opportunities	Writing to entertain through exploring Greek Myths and Legends, looking at stories from different perspectives. Writing to inform through historical	Poetry – vocabulary building using personification. Writing to discuss through a balanced argument for and against a topical issue.	Writing to inform through newspaper reports linked to a famous space mission. Writing to inform and discuss through scientific diary entries from an astronaut's perspective.	Writing to persuade and inform through formal and informal letters linked to key events in the lives of reigning monarchs Writing to explain and persuade through speech writing from	Writing to entertain through narratives linked to residential (including character and setting descriptions) Writing to persuade and inform through advertising posters/leaflets encouraging children to	Writing to entertain through a focus on portraits as a foci, exploring character descriptions and narratives.

pe sp ł W inst lir	recounts in 1 st erson based on pecific points in history from a civilian's perspective. riting to inform through cructional writing nked making a Greek artefact.	Writing to inform through a non- chronological report (e.g. a travel guide) based a region in Finland.	Writing to inform through a non- chronological report comparing 2 contrasting regions of space for a specific target audience.	different historical figure's perspectives during key events in specific monarchs' reign. Poetry – Structures focus (cinquain and senryu).	take part in outdoor learning. Poetry – focus on the work of a poet (performance poetry).	Writing to inform though biographies and autobiographies.
Mathematics	umber: Place value 0s 100s 10s 1s inding to nearest 100/1000 (within 100,000) Numbers to 100,000 ounting in 10s, 100s, 1000s, 000s, 100,000s npare, order and nd numbers to a million gative numbers man numerals to 00 and 10,000 mber: Addition Adding and otracting two 4- it numbers - one kchange /more than one l/subtract whole umbers (more than 4 digits) ind to estimate erse operations ti-step problems	Number: Multiplication and division Multiples Factors Common factors Prime numbers Square/cube numbers Multiply and divide by 10, 100, 1000 Multiples of 10, 100, 1000 Fractions What is a fraction? Equivalent fractions Fractions greater than 1 Improper fractions to mixed numbers (vice versa) Number sequences Compare and order fractions less than 1 Compare and order fractions greater than 1 Add and subtract fractions Add fractions within 1 Add 3 or more fractions	Number: Multiplication and division Multiply 2, 3 and 4- digits by 1-digit Multiply 2-digits (area model) Multiply 2, 3 and 4- digits by 2-digits Divide 2-digits by 1- digit Divide 3 and 4-digits by 1-digit Divide with remainders Fractions Multiply unit fractions by an integer Multiply non-unit fractions by an integer Multiply mixed numbers by integers Calculate fractions of a quantity Fraction of an amount Using fractions as operators	Number: Decimal and percentages Decimals up to 2 d.p. Decimals as fractions Understand thousandths Thousandths as decimals Rounding decimals Order and compare decimals Understand percentages Percentages as fractions and decimals Equivalent F.D.P. Measurement: Perimeter and area Measure perimeter Perimeter of rectangles Perimeter of rectilinear shapes Calculate perimeter Counting squares Area of rectangles & compound shapes Area of irregular shapes	Geometry: Properties of shape Identify angles Compare and order angles Measure angles in degrees Measuring with a protractor Drawing lines and angles accurately Calculating angles on a straight line and around a point Triangles Quadrilaterals Calculating lengths/angles in shapes Regular and irregular polygons Reasoning about 3-D shapes Geometry: Position and direction Describe position Draw on a grid Position in the first quadrant Translation (inc with coordinates) Lines of symmetry Complete a symmetric figure	Numbers: Decimals Adding and subtracting decimals within 1 Complements to 1 Adding decimals – crossing the whole Adding and subtracting decimals (same number of decimal places) Adding and subtracting decimals (different number of decimal places) Adding and subtracting wholes and decimals Decimal sequences Multiplying and dividing decimals by 10, 100 and 1,000 Measurement: Converting units K Converting units of time Timetables Measurement: Volume Compare volume Estimate volume and capacity

		Add mixed numbers Subtract fractions Subtract mixed numbers Subtract – breaking the whole Subtract 2 mixed numbers		Comparison sum and difference Read, interpret and draw line graphs Use to solve problems Read and interpret tables inc two way tables Timetables	Reflection (inc with coordinates)	
Extended Maths Opportunities and investigations	Ordering using a timeline Space distances. Reach 100.	Using a table to interpret statistics All the digits. A4 fraction addition. A4 fraction subtraction.	Maths word problems, involving four operations about space. Data and patter- seeking Forgot the numbers.	Counting in tennis e.g 15/30/40 Matching fractions, decimals and percentages. Area and perimeter. Round the dice decimals 2.	Using symmetry in the environment. Six places to visit. Estimating angles.	Using units of time for gestation periods. Pouring problem.
Science	Forces Explain gravity is a force pulling objects towards Earth's surface. Investigate effects of air resistance, water resistance and friction. Recognise mechanisms allow a smaller force to have a greater effect.	Properties and changes of materials Compare materials based on various properties. Understand mixing and dissolving, and decide how to separate mixtures and solutions. Explain the difference between reversible and irreversible changes.	Earth and Space Describe the movement of Earth & planets relative to the Sun. Describe the movement of the moon relative to Earth. Explain night, day, moon phases and apparent movement of the Sun by using knowledge of Earth's movement.		Living Things and their habitats Compare life cycles of mammals, amphibians, insects and birds. Describe reproduction of plants and animals.	Animals including Humans Describe the changes as humans develop to old age (mentally, physically).
R.E.	Being Modest and Listening to Others Explore the Christian view of Easter and key elements of Islam teaching about those events Being Attentive to the sacred as well as the precious	Being Loyal and Steadfast Understand the internal and external aspects of friendship; both to people and to Jesus. Being Hopeful and Visionary Understand that the way we live may be influenced by our views of this lifetime	Being Open, Honest and Truthful Promote deeper consideration of honesty. In particular, that our reactions to truth and to dishonesty are often highly charged and inconsistent. Caring for Others, Animals and the Environment	Participating and Willing to Lead Understand that motivation for leadership in traditions focuses more on responsibility and service rather than prestige and reward Sharing and Being Generous Understand that giving can take the form of	Being Temperate, Self- Disciplined and Seeking Contentment Take personal responsibility for our own behaviour by choosing those who will influence us Being Accountable and Living with Integrity Understand that some individuals adopt one consistent moral code. Others address questions	Being Thankful Understand that a heartfelt gratitude is more than mere 'manners'. It can lead to radical changes in behaviour. Being Imaginative and Exploratory Understand that artistic freedom and the freedom of thought are highly valued in modern

	Understand that	in terms of the	Begin to understand	hospitality or	of morality individually on	day Britain. This unit
	traditions often use language poetically. 'Listening' to God usually refers to attentiveness, not necessarily that God makes a sound. God is often thought to 'speak' through Scripture.	totality of our existence.	that the family unit is the primary caring structure in society. Traditions acknowledge this in wedding services and marriage practices.	Experiential RE- Sikhism (Langar)	each occasion	raises questions about limitations imposed by religious traditions. Experiential RE- Explore how different religions encourage and prohibit art within their religions.
History	Chronological Understanding Use a timeline to sequence significant events and people. Identify changes within and across historical periods. Range and Depth of Knowledge Identify the religious and ethnic, beliefs, cultural diversities in the wider world. Historical Interpretation Know that people can represent events or ideas in ways that persuade others.			Range and Depth of Knowledge Identify the religious and ethnic diversities in Britain. Explore the cause and consequence of events during the period. Historical Enquiry Use documents, printed sources, pictures, photos & buildings to collect information about the past. Choose reliable sources of evidence to answer questions. Historical Interpretation Look at different versions of the same event and identify differences in accounts. Explain why there are different accounts in history.		
Geography		Human and physical geography Human geography focus including types of settlement, land use, economic activity, trade links, distribution of natural			Geographical skills and fieldwork Use the 8 points of a compass, four and 6 figure grid references, symbols and key. (Ordinance survey). Use fieldwork to observe, measure and record human and physical	

		resources, food, minerals and water. Place knowledge Understand similarities and differences of human and physical geography of a region in the UK and EU region. Geographical skills and fieldwork Use maps in a range of formats, atlases and globes to identify the features including topography.			features in local area using methods including sketch maps, plans, graphs and digital technologies.	
Art and Design	ART FOCUS DAY SCULPTURE Use clay to create a sculpture. Use sophisticated tools to carve, add shapes & texture. -Rolling clay -Squeezing clay -Pulling and pinching clay with fingers -Carving details into the clay -Smoothing the clay with fingers -Creating holes/hollows in the clay with tools -Joining pieces of clay together Make coil pots/vases. <i>Link to History topic</i> - <i>Ancient Greece.</i>		ART FOCUS DAY PAINTING Mix colour, shades and tones with increasing confidence. Investigate paintbrushes and brush strokes. Make a colour lighter without using white: changing tone in colour. Change one colour into another. Change and blend colours by adding a little paint at a time. Mix greys. Use a range of colours in a painting. Use different brush strokes in a painting. Recap using watercolours and how to make lighter colours without using white	ART FOCUS DAY PRINTING Use layers of two or more colours when printing. Use tinfoil printing. Use string printing. Suggested artists: Rachel Duckhouse, Andy Warhol		ART TOPIC DRAWING Line and Tone RECAP - Make different types of line in pencil. Look at line in works of art. RECAP and EXTEND – Make different lines with fine, medium and broad line pens. Draw lines with different character. Use line to create tone. RECAP and EXTEND – Make different tones in pencil. RECAP and EXTEND – Make different tones in pencil. RECAP and EXTEND – Use tone to shade three- dimensional shapes. Looking Talk about the subject before drawing. Use viewfinders to look for detail and content. Draw objects by looking for shapes.

	Suggested artists: Phoebe Cummings, Beate Kuhn, Yasutaka Baba	Moveable bridges	Paint in lighter and darker tones of watercolours. Sketch (lightly) before painting to combine line & colour. Create a colour palette based upon colours observed in the natural or built world. <i>Suggested artists:</i> <i>Wassily Kandinsky,</i> <i>Lucien Rudaux, Yayoi</i> <i>Kusama, Pandora</i> <i>Mond, Harold Ancart</i>		Draw using sighting (use a pencil to measure angles and lengths). Learn to see the relationship between line and shape. See the relationship between line and shape when drawing. Figures and faces Draw heads and position of features. Draw heads and position of features. Draw eyes. Draw mouths and noses Draw faces. Draw faces in profile. <i>Suggested artists: Dante Gabriel Rossetti, Gustav</i> <i>Klimt, Roy Lichtenstein, Kehinde Wiley</i>
Design Technology		Design: Use research & develop design criteria to inform design of a functional product that is fit for purpose, aimed at a particular group. Generate, develop, model & communicate ideas through annotated sketches, cross- sectional and exploded diagrams. Make: Select & use wide range of materials & components		Generate, develop, model and communicate ideas through computer aided design (link to computing module)	

	according to functional proper Select and use a range of tools a equipment to perform practi- tasks accurate Evaluate ideas a products again design criteria a consider views others to impro- their work. Technical Knowledge Understand & u mechanical syst in their products gears, pulleys, ca levers, linkage	rties. wide and b cal ly. and ast and of ove : use ems e.g. ams,			Reflect, Rewind and
Music – C	Classroom Jaz Learn about the origins, the style structure of Th Note Bossa Nova Five Note Swing, out how the pu anthems. y instruments with song, provise with voices and nstruments. erform and evaluate.	ne and reeMake You Feel My Love – Pop BalladIdentify the style indicators and the Find Ise, o, dindicators and the mood of ballads.Ise, o, d dExplore the pulse, nythm and pitch through games. Learn to play instrumental parts. Improvise using instruments. Compose own simple melody. Perform and evaluate.	The fresh Prince of Bel Air – Old-School Hip-Hop Understand that there is a story told. Find the pulse and explore rhythm and pitch. Play instrumental parts within the song. Write lyrics and compose music for own hip-hop song. Perform and evaluate.	Dancing in the Street – Motown Music form the 1960s. Explore this style of music. Examine how the pulse, rhythm, tempo, dynamics and structure work together. Learn to sing the songs and play instrumental parts. Improvise using voices and instrument. Compose own melody. Perform and evaluate.	Replay Listen and appraise a variety of western Classical music, revisiting different music types from the year. Participate in various musical activities which embed the interrelated dimensions of music using voices and instruments. Play instruments within the song. Improvise using voices and instruments. Compose own songs. Share and perform compositions.
Computing To be	Dnline Safety5.1 Codinge discerning inReview and exluating digitalnumber and tex	plore Use formulae, tools and	5.6 3D Modelling	5.5 Game Creator Create a game by designing a setting,	5.7 Creating Media Video Production

	content (Maintain secure passwords, consider the impact of sharing inappropriate content & reliability of sources online) 5.4 Databases Create a database and add field information and know how to word questions so that they can be answered using a database search.	variables. Create a playable, competitive game combining the use of variables, if/else statements and repeats. Explore the launch command and use of buttons within a program that launch other programs or open websites	real-life problems e.g. conversions of measurements	Use 2Design and Make to create a 3D model for a purpose.	characters, animations and sound effects Write informative instructions to play their game & evaluate games.	Learn how to create short videos using different filming techniques, storyboarding and editing skills. <i>(from Teach Computing)</i>
MFL – French	The Olympics Know sport vocabulary Speak and write sentences using the verb 'faire' (to do). Decode longer texts in listening and reading activities. Understand the concept of de la, de l' and du and apply in sport sentences.	My home Recognise and name words associated with the home, including the correct article. Use the verb 'avoir' (to have/have not). Ask questions about somebody else's home. Attempt to create a longer spoken or written passage in French.	The Planets Name and recognise the planets. Spell correctly. Attempt to know and explain the rules of adjectival agreement and apply in adjective/noun descriptions.	Clothes Repeat and recognise clothes vocabulary. Use the appropriate genders and articles for these clothes. Explore the verb 'porter' (to wear) and translate sentences using this verb. Describe clothes in terms of their colour and apply adjectival agreement. Use the possessives with increased accuracy.	Core Vocabulary Phonetics lesson 3: É, E, È, EAU, EUX Read, understand and say numbers 1-100. Recap days and months. Tell the time.	At the tearoom Remember and recall a wide variety of foods, snacks, and drinks (with their indefinite article). Understand better how to change a singular noun to plural form. Order something to eat and drink in a café in a role play situation. Engage in a simple conversation. Cultural lesson: Trying French crepes (typical French cuisine)
PSHE	Being Me in My World Think and talk about the year ahead, goals they could set for themselves as well as the challenges they may face.	Relationships Learn about the importance of self- esteem and ways this can be boosted. Understand that this is important in an online context as well as off-line as mental	Celebrating Difference Explore culture and cultural differences. Link this to racism, talking about what it is and how to be aware of their own	Dreams and Goals Talk about their dreams and goals and how they might need money to help them achieve them. Look at jobs that people they	Healthy Me Look at the risks linked to smoking and alcohol misuse and how they affect the lungs, liver and heart. Look at how body types are portrayed in the media, social media and celebrity culture.	Changing Me Revisit self-esteem and self/body-image and learn that we all have perceptions about ourselves and other and these may be right or wrong.

	Learn and talk	health can be	feelings towards people	know do, they look at	Talk about eating	Reflect on how social
	about their rights	damaged by	from different cultures.	the fact that some jobs	disorders and people's	media and the media
	and responsibilities	excessive comparison	Revisit the topic of	pay more money than	relationships with food and	can promote unhelpful
	as a member of	with others.	bullying and discuss		how this can be linked to	comparison and how to
	their class, school,	Investigate and	rumour spreading and	others and reflect on	negative body image	manage this.
	wider community	reflect	name-calling.	what types of jobs they	pressures.	Revisit puberty with
	and the country	upon a variety of	Talk about	might like to do when	pressures.	further detail explaining
	they live in.	positive and negative	direct and indirect	they are older.		bodily changes in males
	Talk	online/ social media	bullying as well as ways	Look at the similarities		and females.
	about their own	contexts including	to encourage children	and differences		Learn that having a baby
	behaviour and its	gaming and social	to not using bullying	between themselves		is a
	impact on a group	networking.	behaviours.	(and their dreams and		personal choice. Explore
	as well as choices,	Learn about age -	Talk about happiness	goals) and someone		reasons why people
	rewards,	limits and also	regardless of material	from a different culture.		choose to be in a
	consequences and	age-appropriateness.	wealth and respecting			romantic
	the feelings	Apply the SMARRT	other people's cultures.			relationship and choose
	associated with	internet safety rules				to have a baby.
	each.	in different situations.				Look at what becoming
	Talk	Learn about				a teenager means for
	about democracy,	grooming and how				them with an increase in
	how it benefits the	people online can				freedom, rights and
	school and how	pretend to be				responsibilities.
	they can contribute	whoever they want.				Look at the perceptions
	, towards it.	Re-visit rights,				that surround teenagers
		responsibilities and				and reflect whether they
		respect with an angle				are always accurate.
		on technology use.				2
		Discuss screen time				
		and children find				
		ways to reduce their				
		own screen time.				
		Learn how to be				
		more discerning				
		when viewing				
		anything online or on				
		social media.				
	Dance Unit 1	Gymnastics Unit 1	Netball	Basketball (4/5)	Tennis (4/5)	Athletics
	Perform different	Create longer and	Make choices about	Increase confidence	Explore some forehand and	Sustain pace over short
	styles of dance	more complex	which pass to use and	and selection of basic	backhand shots. Work to	and longer distances.
	fluently and clearly.	sequences and adapt	where to shoot from.	skills such as dribbling,	return the serve. Explore	Run as part of a relay
	Refine and improve	performances. Take	Implement some tactics	throwing and shooting.	positions in gameplay.	team. Perform a range
P.E.	dances, adapting	the lead in a group.	to get free. Move	Develop a range of ball-	.	of jumps and throws.
	them to include the	Develop symmetry.	quickly around the	handling skills. Use	Introduce volley shots and	_
	use of space,	Compare	court.	footwork rules in a	overhead shots. Apply new	Gymnastics Unit 2
	rhythm and	performances and		game situation and	shots into game situations.	Take responsibility for
	expression.	judge strengths and	Dance Unit 2	explore basic marking.	Play with others to score	your own warm-up.
		areas for			and defend points in	Perform more complex

	Feethall	Impuovoment. Cala-t	Lloing puctossisme!		compatitive serves	poliono obserso su i
	Football	improvement. Select	Using professional	Use strength, agility	competitive games.	actions, shapes and
	Play effectively in a	a component for	examples to inspire	and coordination when	Further, explore tennis	balances with
	variety of positions	improvement.	ideas for explosive	defending. Increase	service rules.	consistency. Use
	and formations.		action. Owning and	power and strength of		information given by
	Relate a greater	Tag Rugby	exploring new	passes, moving the ball	Rounders (4/5)	others to improve
	number of attacking	Combine basic tag	movement possibilities.	accurately in a variety	To develop a range of skills	performance. Remember
	and defensive	rugby skills such as		of situations. Select and	in a competitive context.	and repeat longer
	tactics. Become	catching and quickly		apply a range of tactics	Choose and use a range of	sequences with more
	more skilful when	passing in one		and techniques to play	simple tactics in isolation	difficult actions.
	performing	movement. Select		with consistency.	and a game context.	
	movements at	and implement			Identify different roles in	
	speed.	appropriate skills in a		Orienteering	rounders.	
		game situation. Begin		(school's developed		
		to play effectively		planning unit –	Link together a range of	
		when attacking and		applied during	skills and use in	
		defending. Increase		residential in Sum 1)	combination. Collaborate	
		the power of passes		Design and complete	with a team to choose, use	
		so the ball can be		orienteering activities	and adapt rules in games.	
		moved quickly over a		as part of a team and	Recognise how some	
		greater distance.		individually.	aspects of fitness apply to	
				Successfully use a map	rounders.	
				to complete an		
				orienteering course.		
		Children build upon	Become fascinated		Deepen social skills during	
	While studying the	their place knowledge	about the movement of		their visit to Frank	Opportunity to reflect on
	Ancient Greeks,	through the study of	Earth, other planets,	Monarch changes and	Chapman for their	the work of many
	children understand	a region of the UK	the sun in the solar	cause and consequence	fieldwork study. They will	portrait artists over time,
	the huge number of	and comparing it to a	system and spherical	of events during reigns.	participate, cooperate and	and explore their own
	Gods worshipped	region in Finland,	bodies. Children will be	This can be used to	solve conflicts in teams to	personal interpretations
	and the seriousness	focusing on human	asked to describe the	demonstrate	succeed in different	helping to develop their
SMSC	of appeasing them.	and physical	movement of the moon	contribution to society	challenges set for them.	spirituality, using them
	Children consider	differences and	relative to Earth.	and encourage	Their combined mapping	as inspiration for their
	the Greek life and	similarities, this	Children will be asked	reflection upon how	skills and ability to	own artwork. They also
	the impact they had	allows the children to	to explain day and	one will contribute to	communicate will allow	have the opportunity to
	on how we live	develop a better	night, movement of the	modern Britain.	them to prevail and	reflect on art from
	today.	understanding of the	sun across the sky		successfully navigate a	different time periods
	today.	lifestyles of others.	through the Earth's		physical setting.	different time periods
			rotation.		physical setting.	
	Rule of Law					
	Class charter &	Mutual Respect &	Individual Liberty		Mutual Respect &	Mutual Respect &
	PSHE topic	Individual Liberty	PE – composing dances		Tolerance RE –	Tolerance
	Democracy	Anti-Bullying week	Mutual Respect	Mutual Respect &	Understanding moral codes	RE - religious expression
British Values	Class election for	Mutual Respect &	RE examples: Elizabeth	Tolerance	of others.	and artistic freedom
	school councillor.	Tolerance RE -	Fry, Oscar Romero,	PSHE	Individual Liberty	Individual Liberty
	Ancient Greece	Understand aspects	Gandhi, Mother Teresa		Computing – Game Creator	Portrait artists topic
	origins of	of friendship	& PSHE topic			
	democracy					

Character Education			Tim Peake – Communication, self-aware, honesty Confident in putting their ideas forward (without showing off), Uses information effectively and communicates well with others using questions to complete tasks.		Ranulph Fiennes- Transglobe adventure- Excellence, Teamwork Empathy Being kind and making honest choices, Praises and encourages the skills of others, Practices independently maintains concentration and improves effort in order to improve	
International Links opportunities		Christmas around the world			International Evening One World Week	
Enterprise Opportunities	Fundraising Enterprise To feel positive about themselves by having opportunities to show what they can do. To meet and talk with people. Hold a gallery opening showcasing pots.		Social Enterprise Create a 'Happy Hamper' for the patients at the Birmingham Children's Hospital To care for each other. To take and share responsibility for what makes a healthy lifestyle, including the benefits of exercise and healthy eating, what affects mental health, and how to make informed choices.			
Visits & Visitors (Circumstances dependent)	History Visitor - TBC		Planetarium		Frank Chapman	
Religious Festivals	Harvest	Diwali Christmas Hanukkah	Chinese New Year	Holi Easter Ramadan/ Eid Vaisakhi		