

**Medium Term plan Class: Sphere/Pyramid**

**Term: Autumn 2018**

**Topic A long time ago**

	Texts	Literacy	Communication and Language	Maths Each week:- Number Shape Money	Topic <b>Science, Geography, History, Art, DT, Computing</b>	Religious Education Christianity and Islam	PSHE. All about me	Outdoor Learning	British values/SMSC
<b>Week 1</b> <b>Settling in</b> <b>3 days</b>	Recount	Recount holiday experience  Handwriting - individual targets Punctuation, grammar, tense and sentence structure, temporal connectives, spelling	Speaking and listening - What we did on holiday  Talking about what the children did during the summer holiday. Writing sentences about holiday experience and talking about improving the work.	No. Reading, writing and ordering two- and three-digit numbers Money maths - SSM -	<b>Geography</b> - Seasons <b>Science</b> cross curricular links with maths. Ordering months of the year. Ordering months into seasons. Identify seasonal signs e.g. falling leaves for Autumn, snow in Winter, new flowers in the Spring, sun hats in the Summer,	Introduction - What do you know about Jesus? What he did and what he was like. Draw a picture.	I know my own name and the name of others.	Exploring changes in the environment area	'Learning to learn' -
<b>Week 2</b> <b>Settling in</b>	Dr Xargle's book of Eathlets Jeanne Willis - science link	Narrative	Story telling language	No. Counting and estimating And odd and even Money math- SSM -	<b>History</b> , - Cross curricular - Science. What I can do now - compare with what I could do when I was younger. <b>Art/DT</b> - Andy Goldsworthy natural designs <b>Computing</b> - Keeping informed - To be aware of how dataloggers and/or sensors can be used to show changes in environmental conditions. Talk about how such devices are used in the wider world. <b>Science</b> - Life cycles of a human. What I could do as a baby and now. <a href="https://www.bbc.com/bitesize/clips/zt7w2hv">https://www.bbc.com/bitesize/clips/zt7w2hv</a>	Introduction - Do you know any stories that Jesus told? Parables.	I can tidy up my classroom	What am I good at? Outdoor activities.	Democracy - children are asked at the beginning of each topic - What do you want to learn?

					Twinkle sequencing sheet 'stages of growth sequencing activity.'				
<b>Week 3</b>	Dr Xargle's book of Eathlets Jeanne Willis - science link	Narrative	Verbal retelling of a story using story sequencing temporal connectives, First, next, then, after that.	No. Number facts to 10 and to 100  Addition and Subtraction of 1 and 2-digit number Money math-SSM -	<b>Art/DT</b> - Arcimboldo creating faces from fruit and naturally occurring resources. (group) - take photo <b>Computing</b> - Using the Flo-bot programme, complete challenges - Differentiated through programme (linking with maths directional work) <b>History</b> , - Introduce timeline <b>Science</b> - Life cycles of a human. Looking at signs of aging. BBC science clips	PRAYER WORSHIP AND REFLECTION What did Jesus teach about prayer? (Luke 11:1-4 and Matthew 6:9-13)  <i>Arrange church visit for week 5</i>	Independently identify own coat and belongings. Independently choose their own belongings during and at the end of the day.	Observing plants and trees.	Rule of law - PSHE accepting responsibility for consequences of own behaviour. Individual liberty - School rules, being kind to each other.
<b>Week 4</b> <b>4 days</b>	Dino  The Sandwich that Max Made - science link	Explore familiar stories; to explore stories and rhymes with predictable and repetitive patterns.	Talk about own experiences.	No. Multiplication and division facts Money math-SSM -	<b>History</b> - Research a range of range of Dinosaurs using internet and books create a mind map/topic web/word bank of initial ideas. <b>Art/DT</b> - Paint previous weeks creation using photo. LA prints with fruit. <b>Computing</b> - Sequencing and building algorithms: using programme 2control NXT (NXT robot) Children to listen and to the help instructions and explore the programme. <b>Science</b> - Flowers and plants-naming parts of plants, collecting and exploring plants in the environment area. <a href="https://www.twinkl.co.uk/go/resource/t2-s-872-year-3-interactive-science-pdf-plants">https://www.twinkl.co.uk/go/resource/t2-s-872-year-3-interactive-science-pdf-plants</a>	What other prayers in the Christian canon, other than 'The Lord's Prayer', inspire believers?	I can carry out a personal hygiene routine. Give all pupils lots of chances to be responsible and independent, eg. "Look at your hands" - give time to respond - "They're dirty" - time for response - "What will you do?" Also let them independently use the plug etc.	Computing - Children to collect data on what they find in an outside area to create a database	Mutual respect & tolerance of others - celebrate diversity.
<b>Week 5</b>	Poem - leaves	writing and performing Q&A sessions/r	Model and re-write alternative ending.	No. Measuring using mm, cm and metres Money math-	<b>Geography</b> , Use of maps to navigate our environment area. <b>Art/DT</b> - Leaf printing - leaf collage collected from our environment area. <b>Computing</b> - Debugging algorithms: Using 2control NXT (NXT robot)	What can we find out about the Eucharist through visiting a local church or listening to a	Sing with the pupils and mime actions, eg. "Here we go round the mulberry bush on a cold and frosty morning". Actions	Maths - measuring capacity	To begin to exercise choice and the right to decide

		ole play.		SSM -	children to navigate the maze and the track - ensure lines are left for monitoring purposes - EXT children created their own track and obstacle for peers to complete using the bricks <b>Science</b> - How plants reproduce, using bees to pollinate plants and introduce germination (youtube video) <a href="https://www.bbc.com/bitesize/clips/zt9c87h">https://www.bbc.com/bitesize/clips/zt9c87h</a> Make a bee - role play plants and bees, pollination using Velcro and cotton wool.	practising Christian? Cary out a Church visit	include: "This is the way we wash our face" "This is the way we brush our hair" Use fun toiletries that will encourage pupils to want to use them, eg. scented toilet roll, shaped soaps, character face cloths.		
<b>Week 6</b>	<b>Letter writing</b> - Granddads handkerchief Dorothy Clark	Write a story about a main character explored;	Use third person and past tense.	No. Recognising, describing and making 2D and 3D shapes Money math- SSM -	<b>History</b> - Food chain of dinosaurs - herbivores, carnivores and omnivores - focus on adaptations for purpose/environment. <b>Art/DT</b> - Landscape drawing using charcoal. <b>Computing</b> -. Using 2 control NXT (sequence) - children will be able to build and develop more complex algorithms and will be learning to use the repeat function to create larger sequences. (click and drag instructions into the relevant boxes.) <b>Science</b> - Life cycles of insects and amphibians - make comparisons between ants and frogs, compare life cycles and habitat.	BELIEFS AND PRACTICES Consider what is significant about myrrh in the events of Christmas and Easter. Pupils consider why this was an important gift and how it relates to events in the Christmas and Easter stories	What are the rules around using the school toilets? Write rules.	Environmental walk	To begin to discuss and debate topical issues in both small and larger groups

<p><b>Week 7</b></p>	<p><b>Letter writing -</b> Granddads handkerchief Dorothy Clark</p>	<p>Write a story about a main character explored;</p>	<p>Use third person and past tense.</p>	<p>No. Addition and subtraction of two- and three-digit numbers, using a number line and columns Money maths. SSM weight</p>	<p><b>Geography, Art/DT -</b> Modelling dinosaurs using clay, creating patterns and designs on them. <b>Computing -</b> — Explore 2 control NXY (logo) Pupils to use the code to write their own algorithms from scratch. Encourage children to listen to the help within the programme after the CT initial model to find out more. <b>Science -</b> Life cycles of mammals and birds - compare the two types and see what makes a bird and what makes a mammal - ask children to test their theory with birds such as penguins and ostriches. For mammals dolphins. <a href="https://www.bbc.com/bitesize/topics/z6882hv">https://www.bbc.com/bitesize/topics/z6882hv</a> explore website of characteristics of each.</p>	<p>Explore how Advent and Christmas, Lent and Easter are celebrated around the world</p>	<p>Offer opportunities for pupils to explore failure and learn from mistakes, eg. get dressed and undressed without help, although some items of clothing may be put on inside out. Selection of fasteners for pupils to practise, eg. zips, buttons</p>	<p>Science - testing materials outside</p>	<p>Begin to contribute to the life of the class &amp; school; e.g. classroom &amp; library monitors</p>
<p><b>Week 8</b></p>	<p>The Pizza Princess Miriam Simson (Science/ PSHE)</p>	<p>Explore a character 's feelings in different situations using improvisation.</p>	<p>Hot seating. Ask a correctly structured question. Drama. Dialogue.</p>	<p>No. Multiplication and division: doubling, halving and TU x U Money maths SSM symmetry</p>	<p><b>Art/DT -</b> Modelling dinosaurs using clay, creating patterns and designs on them. Paint models <b>Geography -</b> <b>Science -</b> Compare all life cycles and make comparisons and point out similarities between all cycles. <b>History, -</b> Create a shoe box of landscapes - modelling dinosaurs <b>Computing -</b> Pupils to develop and improve their algorithms and use for assessment. If Logo is too challenging use a simple programme previously covered such as sequence to assess.</p>	<p>Which is more important for Christians: Christmas or Easter?</p>	<p>Exercises to develop trust, multi-sensory massage, focusing on body parts - hands, feet, arms.</p>	<p>PSCHE - what exercise do I do outside? What am I good at? How do I interact with/touch others appropriately?</p>	<p>Become aware of and respect the different opinions of others Offer simple ideas or opinions about real school issues. RE -Begin to contribute to the life of the class &amp; school; e.g. charities the school supports.</p>
<p>HALF TERM</p>									

Half Term 2 Week 1 (9)	Take one book. Puss in Boots	Identify specific features of the books read, including characters, events and settings.	Exploring first part of book Role play characters Character conversations Discuss what would famous person do/say/feel. Hot seat and discuss	Fractions: representing, comparing and ordering unit fractions of shapes and numbers Money maths SSM right angles	Art/DT - Making finger puppets of main characters. Computing - Pupils to research images of an item of interest from A Long Time Ago. Copy and paste into PowerPoint - teach the issues of copy and pasting straight into PowerPoint, where the picture can be inserted. Focus on saving work. History - Introduction to Neanderthals - compares profile then and now. Using outside area - adult led fire pit	SOURCES OF WISDOM What do Muslims believe about the origins and authority of the Qur'an?	Create collective sets of objects/items in conjunction with pictures, matching games. Play games - "What do I need to clean my teeth, that I've not got?" Teacher holding toothbrush - require the toothpaste. soap / hands, soap / flannel, plug / sink, toothbrush / toothpaste, toothbrush / teeth, brush / comb	Learning where healthy vegetables come from	Be confident to try new activities initiate ideas and, speak in a familiar group.
Half Term 2 Week 2 (10) Trip to cinema	Take one book. Puss in Boots	Paragraphs Subheading and headings Tables/diagrams	Collect ideas on what might happen Read all of book and discuss ending Sequence story Choose another character explore emotions/feelings and relationships Dialogue - writing as a character.	Read and write time to 5 minute intervals Money maths SSM read and write time to 5 min intervals	Art/DT - Making finger puppets of main characters. Computing - Focus on retrieving work. Image editing - pupils will be using controls to make changes to the images they previously sourced - resizing, reorganising and adjusting the appearance and colour contrast to help communicate ideas. History, - chalk drawing on black paper to emulate the wall pictures. Weapons - prey - rituals. (links to art) Science -	How does the life of Muhammad affect the lives of most Muslims today? Why might it be important to have personal heroes?	Understand what different jobs entail: dental hygienist, dentist.	Healthy exercise	Begin to know about different groups they belong to and the important people and roles within them.
Half Term 2 Week 3 (11)	Take one book. Puss in Boots	Retell stories focussing on the sequence of events; To give	Drama - role-play audience.	No. and statistics. Read, present and interpret pictograms	Art/DT - Creating ration History, - Focus on transport and vehicles in the world war 2 - what special. Computing - Pupils will be inserting texts boxes to add relevant information about their images - such	IDENTITY AND BELONGING Why do some Muslims pray five times a day whilst others do not? Explore personal	Understand what different jobs entail: school nurse, doctor	Maths - passing of time. Different times of the day - light and dark.	Begin to develop a sense of responsibility and set a personal target. Offer simple ideas or opinions

		reasons for events in stories.		and tables	as names, descriptions of further information. Supported by previous topic work and CT input. <b>Science -</b>	places The Mosque and the Musulla			about real school issues.
<b>Half Term 2</b>  <b>Week 4 (12)</b>	<b>Poetry -</b> There was an old man with a beard Edward Lear (Limerick)	Identify words phrases and sound effects that create humour in poems.	Use talk to organise, sequence and clarify personal events. Listen and respond to humorous poems.		<b>Art/DT -</b> Ration cooking - create soup or small meal. <b>Computing-</b> Pupils to explore and add designs to their PowerPoints - EXT begin to understand how to use a slide master to make changes to all the slides. See how different designs change the layout of their PowerPoint and they can apply the most effective. <b>History -</b> Looking at the use of animals in world war two - horses' pigeons, modern day using sniffer dogs - make comparisons. <b>Science -</b>	Explore how the Five Pillars guide and support many Muslims in their daily lives	Discuss regular care routines by using pictures, symbols, etc of different environments, e.g. bathroom, shower. Re enact procedure for knocking on the bathroom door before entering. Discuss maintaining dignity by always closing the toilet door bathroom door before beginning care routines.	Environmental walk	Begin to understand the rights and responsibilities of children.
<b>Half Term 2</b>  <b>Week 5 (13)</b> <b>PANTO</b>  <b>4 days</b>	<b>Poetry -</b> There was an old man with a beard Edward Lear (Limerick)	Write phrases of rhyme.	Identify words phrases and sound effects that create humour in poems.		<b>Science,</b> <b>Geography,</b> <b>History -</b> explore toys and food what they used to eat as babies compare with what parents and grandparents used to eat as babies and children (prep work HW). <b>Art,DT, -</b> Backdrop pictures for panto. <b>Computing -</b> Pupils will be applying transitions and animations to different parts of their PowerPoint to engage the viewer and help convey the meaning of their PPT.	BELIEFS AND PRACTICES Christmas story (Nativity) story sequencing Creating a class nativity scene. Box for stable. characters made from half of a kitchen roll.	Encourage respect of privacy of others eg. swimming, PE. What should you do?		
<b>Half Term 2</b>  <b>Week 6</b>	What's cooking Healthy eating (Science)	Use the terms fact/fiction/non-fiction.	Ask and answer what, when, where, who questions.		<b>Science,</b> <b>Geography,</b> <b>History -</b> How grandparents and parents used to celebrate Christmas - links to R.E - create drawing to	Pupils describe spiritual ways of celebrating different festivals and reflect on the	Name the main parts of the body using agreed names.		

(14) Infant Nativity					compare, EXT story board events <b>Art,DT, - Seasonal designs</b> <b>Computing</b> - Pupils to present their PPT and evaluate their peers work	reasons why some people value such celebrations very highly, but others not at all - Some people do not celebrate Christmas - why? What are the traditions in your family?			
Half Term 2  Week 7 (15)	What's cooking Healthy eating (Science)	write information texts using reading as a model.	Use formal, impersonal language as in non-fiction texts.		<b>Science,</b> <b>Geography,</b> <b>History,</b> History of the Christmas card and trees. <b>Art,DT, - Creating place placemats/ Christmas cards/tree decorations.</b> <b>Computing</b> - Creating digitally designed Christmas placemats on 2 simple (2paint a picture)	SYMBOLS AND ACTIONS How and why is it important to share food as part of Christian worship? Traditional Christmas food.	Who do you talk to if you are worried?		

Notes alternative Literacy texts  
The Royal Dinner Brenda Parkes  
Trips - Shuttle worth collection,  
Dinosaur golf  
Duxford?