

## **The Great Heath Academy Curriculum**

### **Great Hopes Achieved**

#### **ATT Aim 1**

To plan and deliver a curriculum which enables students to re-integrate with learning, delivers improving progress and outcomes for all learners, and demonstrates that lessons have been learned from the pandemic experience

#### **Great Heath Aims**


The aim of the curriculum is to provide all pupils with the skills, knowledge, understanding and character they will need to progress onto their next stage of learning. Our curriculum starts in the Early Years and progresses through to Key Stage One and Two. This document provides an overview of the curriculum in each year group and each area of the curriculum. Each curriculum area has its own document that further details the learning in each year group.

Many curriculum areas are linked through a topic. Where this is not possible, because it would detract from the intended learning, a discrete project or learning experience is used. Each topic begins with a starter session that introduces children to the topic and begins the learning journey in an engaging way. The topic ends with a finale session that brings all the learning together, requiring children to draw on all of the learning in that topic. Table 1 shows an overview of the topics across the academy and Table 2 shows the overview of each topic along with the learning in subjects not included in the topic. The coverage for literacy can be found in our accompanying literacy curriculum and the coverage for maths can be seen in the accompanying Primary Advantage Maths programme. Each topic has an overview that shows the order the lessons are taught in along with the start and finale sessions and the vocabulary. Knowledge is built upon and developed throughout the curriculum with prior knowledge evidenced in the topic knowledge organisers to be referred to throughout each topic. Each year group undertakes one trip per year which has been chosen to enhance a particular topic, providing a wide range of experiences over time.

As well as learning the content within each subject and topic it is vital our pupils leave school with the skills needed to be lifelong learners. Each September all children in Y1-6 do a short topic called Metacognitive Me. In these lessons they learn and practise the skills needed to be effective learners. These skills are referred to throughout the year and revisited at the start of each subsequent term.

Learning occurs beyond the planned curriculum through carefully planned assembly themes. These develop the school and British values. Each half term an inspirational person is looked at during assemblies. These are chosen to develop pupils' understanding of different cultures and important events. A variety of individuals are chosen to represent sport, politics and science among others.

Our Curriculum is underpinned by our values and attributes and planned opportunities occur to help children achieve these in their lessons. Throughout each year other opportunities to strengthen and develop learning are used. This list may include, but is not exhaustive to, Black History Month, World Mental Health Day, Internet Safety week, Comic and Sports' Relief and Anti-bullying week. Children learn why these events are significant and important


		Topic	Literacy	Maths	Computing (To be finalised Feb 2021)	PE (To be completed April 2021)	RE	SMSC/PSHE	French
Nursery	Autumn			Number and Place Value – Addition – Subtraction – Measure – Money Measure – Length . Geometry – Shape Statistics –					
	Spring			Number and Place Value – Addition – Subtraction – Measure – Money Measure – Length . Geometry – Shape Statistics –					
	Summer			Number and Place Value – Addition – Subtraction – Measure – Money Measure – Length . Geometry – Shape					


				Statistics –					
Reception	Autumn	Me and My World  Reach for the Stars	Baby Brains The Gruffalo Owl Babies The Little Red Hen  Room On The Broom Whatever Next! The Way Back Home Zim Zam Zoom! Aliens Love Underpants Astro Girl	Number and Place Value – Addition – Subtraction – Measure – Money Measure – Length . Geometry – Shape Statistics –			Creation 1 'Why is the word 'God' so important to Christians?  Incarnation 1 'Why do Christians perform nativity plays at Christmas?'	<b><u>Puzzle 1 – Being Me in My World</u></b> 1.Who...Me?!  2.How am I feeling today?  3.Being at School  4.Gentle Hands  5.Our Rights  6. Our Responsibilities  <b><u>Puzzle 2 – Celebrating Difference</u></b> 1.What I am good at?  2.I'm Special, I'm Me!  3.Families  4. Houses and Homes  5.Making Friends	


[illegible]




								6. Being the best friends we can  <u><b>Puzzle 6 – Changing Me</b></u> 1. My Body  2. Respecting my Body  3. Growing Up  4. Fun and Fears Part 1  5. Fun and Fears Part 2  6. Celebration	
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	<b>Topic</b>	<b>Literacy</b>	<b>Maths</b>	<b>Computing (To be finalised Feb 2021)</b>	<b>PE (To be completed April 2021)</b>	<b>RE</b>	<b>SMSC/PSHE</b>	<b>French</b>
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Year 1	Autumn	 <p><b>When I grow up</b> History: Investigating jobs in Victorian Britain. Finding out about Queen Victoria and comparing her to Queen Elizabeth II. Learning about the local area in Victorian times. Geography: Finding human and physical features around the school grounds. Identifying buildings, jobs and services in the surrounding area. Creating a map showing the local area, including some simple map symbols. Art: To explore the use of paint Music: Creating a piece of music to</p>	<p><i>Beegu</i></p> <p><i>Man on the Moon</i></p> <p><i>Peace At Last</i></p> <p>Character/setting description Labels, Lists and captions Stories about fantasy worlds</p> <p><i>Dogger</i></p> <p><i>Out and About: A First Book of Poems</i></p> <p><i>The Jolly Christmas Postman</i></p> <p>Lists Poems on a theme Using the senses Pattern and Rhyme Letters</p>	<p><b>Number and Place Value</b> – read, write, match, compare and order numbers to 20. <b>Addition</b> – number bonds 10, add with number bonds to 10, add with number bonds to 20 <b>Subtraction</b> – numbers to 20, subtract with number bonds. <b>Measure – Money</b> - recognise and know the value of different coins. <b>Measure – Length</b> – compare and order length, measure in non-standard units. <b>Geometry – Shape</b> – recognise and name common 2-d and 3-d shapes. <b>Statistics</b> – getting children ‘Statistics’ ready. Introduce children to pictograms, tally charts and bar charts by interpreting the</p>	<p>Understanding passwords</p> <p>Using technology in jobs</p> <p>Silhouette pictures using digital art programmes</p> <p>Creating music using 2Simple Music Toolkit software</p>	<p>Belonging: Christianity Baptism/church ‘Why is belonging to God and the church family important to Christians?’</p> <p>Belonging: Judaism Mitzvot/tzedakah ‘Why is learning to do good deeds so important to Jewish people?’</p>	<p><b>Puzzle 1 - Being Me in My World</b> 1.Help others to feel welcome. <i>(co-operation, thoughtfulness, respect, communication)</i> 2.Trying to make our school community a better place. <i>(adaptability, enquiry, resilience, co-operation, thoughtfulness)</i> 3.Think about others’ right to learn. <i>(respect, thoughtfulness, enquiry)</i> 4.Care about other people’s feelings. <i>(respect, morality, thoughtfulness)</i> 5.Work well with others. <i>(communication, co-operation, resilience)</i> 6.Choose to follow the</p>	

		<p>represent a range of jobs. DT: Design and make a moving vehicle</p>  <p>Travelling Through Time</p> <p>Science: Investigating and describing a range of materials. History: Creating a timeline of the children's lives. Comparing old and new objects. Finding out about the Great Fire of London. Art: Create silhouette pictures. Music: London's Burning.</p>		<p>information presented – how many, most popular etc.</p>				<p>Learning Charter. <i>(adaptability, respect)</i></p> <p><b><u>Puzzle 2 – Celebrating Difference</u></b></p> <p>1.The same as... <i>(adaptability, thoughtfulness, enquiry)</i></p> <p>2.Different from... <i>(adaptability, thoughtfulness, enquiry)</i></p> <p>3.What is bullying? <i>(resilience, morality, communication)</i></p> <p>4. What can I do about bullying? <i>(resilience, morality, communication, co-operation, enquiry)</i></p> <p>5.Making new friends <i>(co-operation, respect, thoughtfulness, resilience,</i></p>	
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								communication, enquiry) 6.Celebrating difference, celebrating me (respect, thoughtfulness, communication)	
Spring	 <p>Perilous Pirates Geography: Identifying the World’s Oceans on a map. Investigate hot and cold areas in relation to the equator. Identifying human and physical geographical features in relation to islands. Identify compass points. Art: Creating coin rubbings. Making salt dough coins. Music: Sea shanties.</p>	<p>Story Tree</p> <p>Goldilocks and Just the One Bear</p> <p>The Secret of Black Rock</p> <p>Traditional and Fairy Tales Narrative Stories with familiar settings Labels and lists</p> <p>10 Things I Can Do To Help My World</p> <p>Rainbow Bear</p> <p>Information Labels and Lists Non-Fiction Instructions</p>	<p><b>Measure – Time –</b> sequencing events, tell the time to the hour. <b>Number and Place Value –</b> ordinal numbers, odd and even numbers, number sequences, beginning of regrouping: making 10, counting on from 10. <b>Addition and Subtraction –</b> Partition numbers into part-part-whole, using number lines to count on and back, use inverses. <b>Measure – Length, Capacity and Mass -</b> compare, order in non-standard</p>	<p>Discovery Coding unit 1a) On the Move</p> <p>Internet Safety – keeping passwords safe and playing games online safely</p> <p>Taking photos of nature</p>		<p><b>Stories and Books:</b> <b>Christianity</b> <b>Parables/ gospel</b> <b>‘What did Jesus teach about God in his parables?’</b></p> <p><b>Prayer and Worship:</b> <b>Christianity</b> <b>Prayer/ worship</b> <b>‘Why do Christians pray to God and worship him?’</b></p>	<p><b>Puzzle 3 – Dreams and Goals</b> 1.My Treasure Chest of Success (communication, enquiry, thoughtfulness) 2.Steps to Goals (communication, enquiry, thoughtfulness, co-operation, adaptability) 3.Achieving Together (communication, enquiry, thoughtfulness, co-operation, adaptability, resilience) 4.Stretchy Learning (communication, enquiry, thoughtfulness,</p>		



Our World:  
Home

Science:  
Learning about  
habitats.  
Classifying plants  
and flowers.  
Learning about  
the seasons.  
DT:  
Design a  
birdfeeder  
Music:  
Charanga:  
Animals.

units. Measure  
length and mass  
in non-standard  
units.

**Geometry –  
Position and  
Direction**

Describe position,  
direction and  
movement, use  
left and right, use  
prepositional  
language, give  
directions, make  
turns in both  
directions, link  
turns to hands on  
clocks.

**Multiplication  
and Division –**

Making equal  
groups/sharing  
equally,  
double/halves of  
numbers to 20.  
Repeated addition  
and subtraction.

**Fractions –** halves  
and quarters of  
objects and  
shapes.

*co-operation,  
adaptability,  
resilience)*

5.Overcoming  
Obstacles

*(adaptability,  
resilience,  
respect, enquiry,  
communication)*

6. Celebrating  
my success


*(respect,  
communication,  
thoughtfulness,  
co-operation)*


**Puzzle 4 -  
Healthy Me**

1.Being Healthy  
*(respect,  
adaptability,  
enquiry)*


2.Healthy  
Choices  
*(respect,  
adaptability,  
enquiry,  
adaptability,  
resilience))*


3.Clean and  
Healthy  
*(respect,  
adaptability,  
enquiry,  
thoughtfulness)*


								4.Medicine Safety <i>(respect, adaptability, enquiry, morality, thoughtfulness)</i> 5.Road Safety (link to JRSOs) <i>(respect, adaptability, enquiry, morality, thoughtfulness, co-operation, communication)</i> 6.Happy, Healthy Me <i>(respect, adaptability, enquiry)</i>	
Summer	 Mammals and Me Science: Labelling parts of the body. Identifying body parts that are linked to the senses. Learning about forces.	<i>Farmer Duck</i>  <i>Poems to perform</i>  <i>Funny Bones</i>  Character/setting description Narrative Stories with predictable and patterned language Poems on a theme	<b>Measure – Time</b> tell the time to half hour. <b>Geometry – Shape</b> Recognise 2-d shapes and 3-d shapes in different orientations and sizes. Shapes in the environment. Making patterns. <b>Number and Place Value –</b>	Discovery Coding unit 1b: Simple Inputs  Create Sun Safety poster using 2Simple		<b>Celebrations (Pentecost):</b> <b>Christianity Emmanuel / Holy Spirit</b> ‘How does celebrating Pentecost remind Christians that God is with them always?’	<b><u>Puzzle 5 - Relationships</u></b> 1.Families <i>(adaptability, respect, thoughtfulness, co-operation)</i> 2.Making friends <i>(adaptability, respect, thoughtfulness, co-operation,</i>		


		<p>DT: Create a moving picture. Art: Self portraits</p>  <p><b>Happy Holidays!</b> Geography: Locate key countries of the UK and the World on a map. Compare beaches from Suffolk to a non-European beach. Look at features on a map of a holiday destination, including compass points. History: Create a timeline of holidays within the child's life. Learn about holidays taken by grandparents. Find out about Victorian holidays and make comparisons. Art:</p>	<p><i>The Snail and the Whale</i></p> <p><i>Aesops Fables</i></p> <p><i>Jamela's Dress</i></p> <p>Recounts Letters Setting description Invitations</p>	<p>Partition and combine numbers to 20 and beyond. <b>Measure – Money</b> –exchange money, solve problems. <b>Addition and Subtraction</b> – use the 'make 10' strategy and the 'regrouping' strategy, solve one step problems using the part part whole method. <b>Multiplication and Division</b> – doubles and halves for multiples of 10. Using arrays to represent multiplication (concrete – pictorially). <b>Fractions</b> – halves and quarters of quantities. <b>Statistics</b> – getting children 'Statistics' ready. Introduce children to pictograms, tally charts and bar charts by interpreting the</p>			<p><b>Prayer and Worship:</b> <b>Judaism</b> <b>Creation / blessings</b> <b>'Why do Jewish families say so many prayers and blessings?'</b></p>	<p><i>resilience, enquiry))</i> 3.Greetings <i>(communication, co-operation, respect)</i> 4.People who help us <i>(communication, respect, morality, co-operation)</i> 5.Being my own best friend <i>(respect, resilience, adaptability)</i> 6.Celebrating my special relationships <i>(communication, respect)</i></p> <p><b><u>Puzzle 6 - Changing Me</u></b> 1.Life cycles <i>(enquiry, thoughtfulness)</i> 2.Changing Me <i>(enquiry, adaptability, thoughtfulness, communication, respect)</i></p>	
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		Artist Megan Coyle. Postcard imagery.		information presented – how many, most popular etc.				3.My Changing Body <i>(enquiry, adaptability, thoughtfulness, communication, respect)</i> 4.Boys’ and Girls’ Bodies <i>(enquiry, adaptability, thoughtfulness, communication, respect)</i> 5.Learning and Growing <i>(enquiry, adaptability, thoughtfulness, communication, respect)</i> 6.Coping with changes <i>(resilience, adaptability, co-operation, communication, respect)</i>	
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	IPC	Literacy	Maths	Computing	PE (To be completed)	RE	SMSC/PSHE	French
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					(To be finalised Feb 2021)	April 2021)			
Year 2	Autumn	 <p>Timeless Toys</p> <p>Science: Sort toys based on their properties. Carry out tests to discover properties of materials. Investigate the best material for a teddy bear Investigate how materials can be changed.</p> <p>History: Sequencing toys which have been played with throughout the children’s lives. Thinking about toys in the past. Sorting toys into new and old. Develop an understanding of the history of teddy bears</p> <p>DT: Design and make a puppet.</p>		<p><b>Number and Place Value</b> – read, write, compare and order numbers to 100.</p> <p><b>Addition and Subtraction</b> – numbers to 100, adding 10’s or 1’s to a 2-digit number. One step word problems using part-part-whole and adding on.</p> <p><b>Measure – Time</b> – compare and sequence intervals of time. Read time to ¼ of an hour.</p> <p><b>Geometry – Shape</b> Identify and describe the properties of 2-d shapes, identify lines of symmetry in 2-d shapes.</p> <p><b>Fractions</b> – know that 2 ½ make a whole, find ½, 1/3 and ¼ of lengths, shapes and quantities.</p> <p><b>Multiplication and division</b> – repeated addition/subtraction, arrays, 2 times tables.</p>	<p>Learning and using usernames and passwords</p> <p>Using tablets to take photos and selecting the best one</p> <p>Create a factfile on 2 Publish</p>		<p><b>Believing: Judaism</b> <b>Teshuvah / G-D</b> <b>‘Why do Jewish families talk about repentance at New Year?’</b></p> <p><b>Believing: Christianity</b> <b>Saviour / Jesus</b> <b>‘Why was Jesus given the name saviour?’</b></p>	<p><b><u>Puzzle 1 - Being Me in My World</u></b></p> <p>1.Help others to feel welcome. <i>(co-operation, thoughtfulness, respect, communication)</i></p> <p>2.Trying to make our school community a better place. <i>(adaptability, enquiry, resilience, co-operation, thoughtfulness)</i></p> <p>3.Think about others’ right to learn. <i>(respect, thoughtfulness, enquiry)</i></p> <p>4.Care about other people’s feelings. <i>(respect, morality, thoughtfulness)</i></p> <p>5.Work well with others.</p>	


		<p>Art: Observational drawings Music: Identify rhythm in the song 'You've got a friend in me'</p>  <p>London!</p> <p>History: Finding out about parliament and Guy Fawkes. Geography: Locate the four capitals of the UK on a map, notice similarities and differences. Make comparisons between London and Washington DC. Identify geographical human and physical features of London and present these on a map. DT: Design and make a castle. Art:</p>		<p><b>Statistics</b> – interpret and construct pictograms, tally charts, bar charts and simple tables. <b>Measure – Money</b> – recognise and use coins and compare amounts. Use coins to make amounts.</p>	<p>Create, save, open and edit a Powerpoint presentation about London</p>			<p><i>(communication, co-operation, resilience)</i> 6.Choose to follow the Learning Charter. <i>(adaptability, respect)</i></p> <p><b><u>Puzzle 2 - Celebrating Difference</u></b> 1.Boys and Girls <i>(respect, adaptation, resilience, thoughtfulness, morality)</i> 2.Boys and Girls <i>(respect, adaptation, resilience, thoughtfulness, morality)</i> 3.Why does bullying happen? <i>(resilience, communication, morality)</i> 4. Standing up for myself and others</p>	
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		Looking at the designer Cath Kidston Music: Waterloo Sunset by The Kinks.						(resilience, communication, thoughtfulness, respect, adaptability) 5. Gender Diversity (resilience, communication, thoughtfulness, respect, adaptability, morality) 6. Celebrating difference and still being friends (resilience, communication, thoughtfulness, respect, adaptability, morality)	
Spring	 Important Individuals History: Comparing Henry VIII and Prince William.		<b>Number and Place Value</b> – partition and combine 2 and 3 digit numbers. Partition in different ways. <b>Addition and Subtraction</b> – numbers to 100, adding 2 2digit numbers without regrouping. One step	Discovery Coding lessons units 2a Different sorts of inputs and 2b) Buttons and Instructions		<b>Compassion: Islam mercy / compassion</b> ‘How do some Muslims show Allah is compassionate and merciful?’  <b>Symbols and Artefacts: Christianity</b>	<b><u>Puzzle 3 – Dreams and Goals</u></b> 1.Goals to Success (thoughtfulness, resilience, communication) 2.My Learning Strengths		





		<p>Learning about Alexander Graham Bell, Marie Curie, Florence Nightingale, Edith Cavell, Marty Seacole, Admiral Horatio Nelson (including local history), Rosa Parks and Dr Martin Luther King</p> <p>Art: Learning about the works of Picasso, creating a Picasso style portrait and some Cubism related art.</p> <p>Music: Listen to work by Mozart and develop a piece of music showing emotion in a similar style.</p>  <p>Passport to my Plate</p> <p>Science: Developing an understanding of</p>		<p>word problems using part-part-whole and adding on.</p> <p><b>Multiplication and Division</b> – 2 and 5 times tables, multiply using partitioning, grouping/sharing for division.</p> <p><b>Measure – Time</b> – read time to quarter to/past. Sequence times.</p> <p><b>Measure – Length</b> – measure and compare length and height in metres and in centimetres.</p> <p><b>Fractions</b> – ways to make <math>\frac{1}{2}</math>, recognising <math>\frac{3}{4}</math>.</p> <p><b>Geometry – Position and Direction</b> Order and arrange objects in patterns and sequences, describe the position of objects and give directions.</p>	Internet Safety – use SMART to stay safe, PEGI ratings on games, what to do if something worries us online		<p><b>Resurrection / joy</b> <b>‘What are the best symbols of Jesus’ death &amp; resurrection at Easter?’</b></p>	<p><i>(enquiry, resilience, respect, adaptability)</i></p> <p>3.Learning with others <i>(adaptability, communication, co-operation, respect, thoughtfulness)</i></p> <p>4.A Group Challenge <i>(adaptability, communication, co-operation, respect, thoughtfulness)</i></p> <p>5.Continuing A Group Challenge <i>(adaptability, communication, co-operation, respect, thoughtfulness)</i></p> <p>6.Celebrating Our Achievement <i>(respect, communication, thoughtfulness, co-operation)</i></p> <p><b><u>Puzzle 4 - Healthy Me</u></b></p> <p>1.Being Healthy</p>	
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		<p>humans growing to old age. Identify the needs of living things to survive. Create food diaries. Label parts of a plant. Geography: Discover climates which allow food to grow. Identify, on a map, the countries which different foods come from. DT: Design and create a pizza.</p>						<p><i>(respect, adaptability, enquiry)</i> 2. Being Relaxed <i>(respect, adaptability, enquiry)</i> 3. Medicine Safety <i>(respect, adaptability, enquiry, morality, thoughtfulness)</i> 4. Healthy Eating <i>(respect, adaptability, enquiry)</i> 5. Healthy Eating <i>(respect, adaptability, enquiry)</i> 6. Happy, Healthy Me / Healthy Recipes <i>(respect, adaptability, enquiry)</i></p>	
	<p><b>Summer</b></p>	 <p>The Scented Garden Science:</p>		<p><b>Geometry – Shape –</b> Identify and describe properties of 3-d shapes, identify 2-d shapes on surfaces of 3-d shapes,</p>	<p>Create a Powerpoint showing how plants grow, inserting images and</p>		<p><b>Leaders &amp; Teachers:</b> <b>Christianity</b> <b>Disciple / faith</b> <b>‘Why do Christians</b></p>	<p><b><u>Puzzle 5 - Relationships</u></b> 1. Families <i>(thoughtfulness, respect)</i></p>	

		<p>Investigating living things in the school environment. Identifying a range of habitats in the local area. Identifying items by those living, those that are dead and those that have never lived. Looking at simple food chains, including how plants feed some animals. Investigating what plants need to grow. Geography: Identifying on a map, which plants are able to grow where and how climate and weather patterns affect this.</p>  <p>Big Top Performers</p> <p>History: Finding out about the Roman circus and how this has changed over</p>		<p>compare and sort common 2-d and 3-d shapes and everyday objects.  <b>Number and Place Value</b> – read and write numbers to 100 in numerals and words. Rounding numbers up to 100 to the nearest 10.  <b>Measure – Capacity and Mass</b> – measure and compare mass in kilograms and in grams, measure and compare capacity in litres and in millilitres. Solve problems using all four operations.  <b>Addition and Subtraction</b> – numbers to 100, adding 2 2-digit numbers with regrouping. One step word problems using part-part-whole and adding on.  <b>Multiplication and Division</b> – Arrays, 2, 5 and 10 times tables,  <b>Measure – Time</b> – read and write the time to quarter to/past and 5 minutes. Compare</p>	<p>texts and choosing background, layout and slide transitions</p>		<p><b>trust Jesus and follow him?’</b></p> <p><b>Leaders &amp; Teachers:</b>  <b>Judaism Torah / rabbi</b>  <b>‘Why is the Torah such a joy for the Jewish community?’</b></p>	<p>2.Keeping Safe – exploring physical contact  <i>(communication, respect, morality, co-operation)</i>  3.Friends and Conflict  <i>(communication, co-operation, respect, resilience, adaptability)</i>  4.Secrets  <i>(communication, resilience, morality)</i>  5.Trust and Appreciation  <i>(communication, respect, morality, co-operation)</i>  6.Celebrating my Special Relationships  <i>(communication, respect)</i></p> <p><b><u>Puzzle 6 - Changing Me</u></b></p>	
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		<p>time to create the circus which we know today.</p> <p>Learning about Phillip Astley, the founder of the modern circus.</p> <p>Discover how clowns have changed over time.</p> <p>Geography: Identifying the countries which circus animals come from.</p> <p>Describing a journey of a travelling circus.</p> <p>Creating a map of a circus, using features marked on a key.</p> <p>Considering appropriate spaces locally for a circus.</p> <p>Art: Creating a circus collage.</p> <p>Music: Creating sounds to accompany circus acts.</p>		<p>and sequence intervals of time.</p> <p><b>Measure – Length –</b> solve problems with length using all four operations.</p> <p><b>Four Operations – Measure and Money</b></p> <p>- calculate giving change up to and including £1, exchange pence for pounds.</p> <p><b>Fractions</b> equivalent fractions, fractions on a number line, counting in fractions, fractions on a bar model.</p> <p><b>Statistics</b> - interpret and construct pictograms where one symbol represents more than 1 unit, read and interpret a simple key, read scales on graphs and use Venn diagrams.</p> <p><b>Geometry – Position and Direction</b></p> <p>Describe and control movement, describe movement in terms of right angles for turns, programme robots to turn.</p>	<p>Using</p> <p>2Simple to create plans, posters and tickets using the draw tool, automatic shapes and changing the typefont</p>			<p>1.Life cycles in Nature <i>(enquiry, thoughtfulness)</i></p> <p>2.Growing from Young to Old <i>(enquiry, adaptability, thoughtfulness, communication, respect)</i></p> <p>3.The Changing Me <i>(enquiry, adaptability, thoughtfulness, communication, respect)</i></p> <p>4.Boys’ and Girls’ bodies <i>(enquiry, adaptability, thoughtfulness, communication, respect)</i></p> <p>5.Assertiveness <i>(resilience, adaptability, co-operation, communication, respect)</i></p> <p>6.Looking Ahead <i>(resilience, adaptability, co-operation,</i></p>	
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								communication, respect)	
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		IPC	Literacy	Maths	Computing (To be finalised Feb 2021)	PE (To be completed April 2021)	RE	SMSC/PSHE	French
Year 3	Autumn	 Savage Stone Age Science: Finding out about the types of rocks, fossilisation and creating soil Muscles and bones and how they work Healthy diet History: Use primary and secondary sources to investigate the past. Exploring our ancestors. Explore life in Stone Age Britain. Looking at a timeline covering Early Man to the Iron Age. Comparing the Iron Man to Early Man.	<i>The Tunnel</i> (Anthony Brown) <i>Flat Stanley</i> (Jeff Brown)  Character settings and descriptions. Stories from familiar settings. Adventure and Mystery. Newspaper reports Fictional diary entries  <i>The Lion, The Witch and the Wardrobe</i> (C.S. Lewis) <i>Poetry Chest</i> – <i>Performance Poems</i>  Myths and Legends. Recounts (diary) Non-chronological reports Shape poetry and calligrams/language play.	<b>Number and Place Value</b> – represent 3 digit numbers (concrete) and identify the value of digits in a 3-digit number. Identify 1, 10 and 100 more for numbers with up to 3 digits. <b>Addition and Subtraction</b> – add 10’s and 1’s to a 3 digit number (concrete) using formal method. One step word problems. <b>Multiplication and Division</b> – 3 times tables, multiplying by 10, divide a 2-digit number by a 1 digit number with and without	Using search engines to research  Organising information into a poster		<b>Religion and the Individual: Christianity</b> <b>How do Christians show that ‘reconciliation’ with God and other people is important?</b>  <b>Religion and the Individual: Islam</b> <b>How does a Muslim show their submission and obedience to Allah?</b>	<b>Puzzle 1 - Being Me in My World</b> 1. Getting to know each other. (co-operation, thoughtfulness, respect, communication) 2. Our Nightmare School. (respect, adaptability, communication, thoughtfulness, resilience, morality) 3. Our Dream School (respect, adaptability, communication, thoughtfulness, resilience, morality)	Rigolo Bonjour 1-4  Rigolo En Classe 1-4


		<p>Local history. Geography: Locating Early Man settlements on maps. Evaluating land use in relation to the Early Man. Discovering the changing landscape from the Ice Age. Art: Early Man pottery. Looking at the Lascaux caves (Stone Age cave art). DT: Creating a pouch using cross stitch and applique Music: Creating cave music. SingUp, The Stone Age song.</p>  <p>Where in the World Geography: Finding key points on maps including the Equator, the Tropics and identifying lines of</p>		<p>remainders (concrete). <b>Measure – Time</b> – match analogue and digital clocks, read time to the nearest minute.</p> <p><b>Fractions, Decimals and Percentages</b> – identifying unit and non-unit fractions of objects, shapes and length. <b>Geometry – Shape</b> – draw and describe 2-d shapes, make 3-d shapes, recognise 3-d shapes in different orientations.</p> <p><b>Statistics</b> – interpret and present data in bar charts, tally charts and pictograms, solve one step problems.</p> <p><b>Measure – Volume and Capacity</b> – measure and</p>	Editing a photo using different effects			<p>4.Rewards and Consequences <i>(communication, co-operation, resilience, adaptability)</i> 5.Owning our Learning Charter. <i>(adaptability, respect, co-operation, communication)</i> 6. Owning our Learning Charter. <i>(adaptability, respect, co-operation, communication)</i></p> <p><b><u>Puzzle 2 - Celebrating Difference</u></b> 1.Getting to know each other. <i>(co-operation, thoughtfulness, respect, communication)</i> 2. Our Nightmare School.</p>	
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		<p>longitude and latitude.</p> <p>Finding a selection of key countries, including Russia, on maps.</p> <p>Comparing geographical features of different countries.</p> <p>Understanding time zones.</p> <p>Music:</p> <p>Music from around the World.</p>		<p>compare volume in l and ml.</p> <p><b>Measure – Length and Mass</b></p> <p>measure and compare mass in kg and g,</p> <p>measure and compare length in mm, cm and m.</p> <p><b>Four Operations – Measure</b> solve one step word problems involving measures.</p>				<p><i>(respect, adaptability, communication, thoughtfulness, resilience, morality)</i></p> <p>3.Our Dream School</p> <p><i>(respect, adaptability, communication, thoughtfulness, resilience, morality)</i></p> <p>4.Rewards and Consequences</p> <p><i>(communication, co-operation, resilience, adaptability)</i></p> <p>5.Owning our Learning Charter.</p> <p><i>(adaptability, respect, co-operation, communication)</i></p> <p>6. Owning our Learning Charter.</p> <p><i>(adaptability, respect, co-operation, communication)</i></p>	
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	<p><b>Spring</b></p>	 <p>Frightening Light Science: Looking at light and dark. Investigating reflective surfaces. Finding out about mirrors. Keeping safe in the sun. How shadows are made? How can shadows change?</p>  <p>Fatal Forces Science: Investigating friction. Investigating gravity. Finding out about Sir Isaac Newton. Investigating floating and sinking. Investigating magnets.</p>  <p>Tremor and Shake Science: Effects of gases.</p>	<p><i>The Iron Man</i> (Ted Hughes)</p> <p>Letters Instructions Newspaper reports Character, settings and descriptions. Narratives</p> <p><i>The Abominables</i> (Eva Ibbotson) <i>The Firework Maker's Daughter</i> (Philip Pullman)</p> <p>Non-chronological report (fact file) Adverts and posters Recounts (post card) Adventure narrative Character descriptions Letter Role play/drama</p>	<p><b>Number and Place Value</b> – Read, write, compare and order numbers to 1000. <b>Geometry</b> – <b>Shape</b> Recognise angles as properties of shapes and in turns, identify right angles in shapes and those &lt; and &gt; right angles. <b>Fractions, Decimals and Percentages</b> – find non-unit fractions of quantities, recognise equivalent fractions. <b>Addition and Subtraction</b> – add 2 3-digit numbers without regrouping (concrete – pictorial) using formal method. One step word problems. <b>Multiplication and Division</b> – 3 and 4 times</p>	<p>Discovery Coding lessons units 3a Sequence and animation and 3b Conditional events</p> <p>Internet Safety Week – rules for keeping safe online and when to report an issue</p>		<p><b>Religion and the Individual: Hinduism</b> <b>Why does a Hindu want to collect good karma?</b></p> <p><b>Symbols &amp; Religious Expression: Christianity</b> <b>Is the cross a symbol of love, sacrifice or commitment for Christians?</b></p>	<p><b>Puzzle 3 - Dreams and Goals</b> 1.Families (<i>respect, thoughtfulness, communication</i>) 2.Family Contact (<i>respect, thoughtfulness, communication, co-operation, adaptability</i>) 3.Witness and Feelings (<i>respect, thoughtfulness, communication, co-operation, resilience, adaptability</i>) 4.Witness and Solutions (<i>respect, thoughtfulness, communication, co-operation, resilience, adaptability, morality</i>) 5.Words that harm (<i>respect, thoughtfulness, communication, co-operation,</i></p>	<p><b>Rigalo: Mon corps 1 – 4</b></p> <p><b>Rigolo: Les Animaux 1-4</b></p>
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		<p>What happens inside a volcano? How are earthquakes measured? Forming new rocks. Geography: A cross section of the Earth. Layers of the Earth. Tectonic plates. Parts of a volcano. What are volcanoes? States of volcanoes. What are earthquakes? Living by volcanoes. Tourist attractions. History: Pompeii. Mount St. Helens. An earthquake case study. Art: Volcanic images – Jackson Pollock. Music: Environmental sounds. Making natural sounds.</p>		<p>tables, multiply a 2 digit by a 1 digit number using arrays (concrete-pictorial), distributive law, divide a 2 digit number without regrouping using formal method (pictorial-abstract). <b>Statistics</b> – two step problems from graphs, understand and use simple scales. <b>Measure</b> – <b>Money</b> – calculate change in pounds and pence. <b>Four Operations</b> – <b>Money</b> – calculate totals (addition and multiplication) and change, solve money problems. <b>Measure</b> – <b>Time</b> – compare time in seconds, minutes and hours, convert minutes to hours, calculate and compare</p>				<p><i>resilience, adaptability, morality)</i> 6.Celebrating Difference: Compliments <i>(respect, communication, thoughtfulness)</i></p> <p><b><u>Puzzle 4 - Healthy Me</u></b> 1.Being fit and healthy <i>(respect, adaptability, enquiry)</i> 2.Being fit and healthy <i>(respect, adaptability, enquiry)</i> 3.What do I know about drugs? <i>(respect, adaptability, enquiry, morality, thoughtfulness)</i> 4.Keeping safe <i>(respect, communication, co-operation, thoughtfulness)</i></p>	
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		Musicians throughout history.		durations of events.				5.Safe or unsafe? <i>(respect, communication, co-operation, thoughtfulness)</i> 6.My Amazing Body <i>(respect, communication, co-operation, thoughtfulness, morality)</i>	
Summer	 Brilliant Botany Science: Plant hunt and observations. Label a detailed diagram of plants. What do plants need in order to grow? Parts of the plant for pollination and fertilisation. Knowing different parts of leaves and their roles. Water transportation in plants. Understanding the life cycle of plants.	<i>Chitty Chitty Bang Bang Flies Again (Frank Cottrell Boyce)</i>  Information (leaflet) Explanation. Adventure and mystery Biography.  <i>Matilda (Roald Dahl)</i>  Dialogue and Plays. Poems to perform (limericks) Letters.	<b>Number and Place Value</b> – place value of different measures, use dienes and place value counters to understand place value. <b>Addition and Subtraction</b> – add 2 3-digit numbers with regrouping (concrete – pictorial) using formal method. One step word problems. <b>Multiplication and Division</b> – 3, 4 and 8 times	Use arrows and text boxes in word to label an image and then to create a foodchain		<b>Beliefs in Action: Christianity</b> <b>What do Christians mean when they talk about the Kingdom of God?</b>  <b>Symbols &amp; Religious Expression: Judaism</b> <b>What symbols and stories help Jewish people remember their covenant with God?</b>	<b>Puzzle 5 - Relationships</b> 1.Family Roles and Responsibilities <i>(thoughtfulness, respect, co-operation, adaptability)</i> 2.Friendship <i>(communication, co-operation, respect, resilience, adaptability)</i> 3.Keeping Myself Safe Online <i>(communication, co-operation, respect,</i>	<b>Rigalo: La famille 1-4</b>  <b>Rigolo: Bon Anniversaire 1-4</b>	

		<p>Soil sampling. Learning about food chains, beginning with plants. Geography: Using maps to explore where food comes from. Cash crops. Art: William Morris</p>  <p>Groovy Greeks Geography: Where is Greece? Creating a map of different city states in Ancient Greece. History: Comparison between modern and ancient Greece. Comparing the ancient city states. Politics in ancient Greece. Learning about the differences between Athens and Sparta. Finding out about the Persian war. Understanding the importance of</p>	<p>Fictional Diary Entries.</p>	<p>tables, short multiplication of 3 digit numbers with no regrouping and then regrouping (concrete – pictorial), divide a 2 digit number with regrouping in the 10's and 1's using formal method (pictorial - abstract). <b>Fractions, Decimals and Percentages</b> – compare and order fractions with like fractions and non-unit fractions with unlike fractions, add and subtract like fractions. <b>Measure – Volume and Capacity</b> – convert between measures. <b>Four Operations – Volume and Capacity</b> solve problems with measures. <b>Measure – Length and Mass</b></p>				<p><i>adaptability, resilience)</i> 4. Being a Global Citizen 1 <i>(communication, co-operation, respect, adaptability, resilience, morality, thoughtfulness)</i> 5. Being a Global Citizen 2 <i>(communication, co-operation, respect, adaptability, resilience, morality, thoughtfulness)</i> 6. Celebrating my Web of Relationships <i>(communication, respect)</i></p> <p><b><u>Puzzle 6 - Changing Me</u></b> 1. How babies grow <i>(enquiry, adaptability, thoughtfulness,</i></p>	
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		<p>Greek mythology and theatres. Knowing the relevance of Alexander the Great and the Trojan war. Understanding that Gods and Goddesses were important to the Greeks. Knowing about Greek scholars and philosophers. What have the Greeks done for us? Art: Greek pottery. Greek masks. DT: Using levers and linkages to make a moving object. Music: Heroes of Troy.</p>		<p>convert between measures. <b>Four Operations</b> –.Length and Mass solve problems with measures <b>Geometry</b> – <b>Shape</b> Sort symmetrical and non-symmetrical polygons and polyhedra, identify vertical, horizontal, perpendicular and parallel lines. <b>Statistics</b> – classify shapes, numbers and objects into Venn and Carroll diagrams. <b>Measure – Time</b> – calculate and compare durations of events. <b>Geometry position and direction and direction</b> – <b>getting year 4 ready:</b> Number of right angles in a half turn, identify and describe position of an</p>				<p><i>communication, respect)</i> 2.Babies <i>(enquiry, adaptability, thoughtfulness, communication, respect)</i> 3.Outside body changes <i>(enquiry, adaptability, thoughtfulness, communication, respect)</i> 4.Inside body changes <i>(enquiry, adaptability, thoughtfulness, communication, respect)</i> 5.Family stereotypes <i>(enquiry, adaptability, thoughtfulness, communication, respect)</i> 6.Looking ahead <i>(resilience, adaptability, co-operation, communication, respect)</i></p>	
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				object on grids using coordinates of squares – which square is the x in?					
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		IPC	Literacy	Maths	Computing (To be finalised Feb 2021)	PE (To be completed April 2021)	RE	SMSC/PSHE	French
Year 4	Autumn	 Rotten Romans History: Finding out about the Roman society. Learning about Roman homes and what this tells us about the hierarchy of people. Finding out about key Roman buildings. Learning about the Roman army. Finding out about Roman democracy. Investigating the invasion of Britain by the Romans.		<b>Number and Place Value</b> – Represent 4 digit numbers and know place value of digits. Order and compare numbers to 1000 and beyond. Identify 1, 10, 100 and 1000 more than a given number. <b>Addition and Subtraction</b> –add and subtract 2 4 digit numbers with no regrouping, adding 100's with regrouping – using formal method (concrete-pictorial – abstract). One and two-step word problems.	Discovery Coding lessons units 4a Introduction to variables and 4b Repetition and loops  Researching Romans using given websites and understanding about website addresses		<b>Inspirational People:</b> <b>Christianity</b> <b>How does believing Jesus is their saviour inspire Christians to save and serve others?</b>  <b>Inspirational People:</b> <b>Islam</b> <b>Why do Muslims call Muhammad the 'Seal of the Prophets'?</b>	<b>Puzzle 1 - Being Me in My World</b> 1. Becoming a class 'team' <i>(co-operation, thoughtfulness, respect, communication)</i> 2. Being a School Citizen <i>(respect, adaptability, communication, thoughtfulness, resilience, morality)</i> 3. Rights, Responsibilities and Democracy <i>(respect, adaptability, communication, thoughtfulness,</i>	Rigolo@ Encore 1-4  <b>Rigolo:</b> <b>Quelle heure est-il? 1 - 4</b>

		<p>Carrying out a local history study: Colchester. Discovering Roman Gods and Goddesses. Learning about life in Roman Britain including; what they left behind.</p> <p>Geography: Locate Italy (and Roman cities) on a map. Use maps to find countries which the Romans invaded. Look at Roman Britain through maps, including roads.</p> <p>Art: Creating Roman mosaics.</p> <p>Music: Charanga: Celts and Romans. BBC Primary Music: Developing an understanding of Signals.</p>		<p><b>Multiplication and Division</b> – 6, 7 and 9 times tables, multiply by 10, multiply up to 3 digit numbers by a single digit –short multiplication (pictorial – abstract), divide a 3 digit number by a single digit with regrouping in the 10's and 1's using formal method.</p> <p><b>Measure – Time</b> – read, write and convert between analogue and digital clocks for 12 and 24 hour times.</p> <p><b>Fractions, Decimals and Percentages</b> – identify equivalent fractions, show equivalent fractions pictorially, compare unit and non-unit fractions with unlike fractions pictorially.</p> <p><b>Geometry – Shape</b> Compare and classify geometric</p>				<p><i>resilience, morality)</i></p> <p>4.Rewards and Consequences <i>(communication, co-operation, resilience, adaptability)</i></p> <p>5.Our Learning Charter <i>(adaptability, respect, co-operation, communication)</i></p> <p>6.Owning our Learning Charter <i>(adaptability, respect, co-operation, communication)</i></p> <p><b><u>Puzzle 2 - Celebrating Difference</u></b></p> <p>1.Judging by Appearance <i>(respect, communication, thoughtfulness, adaptability)</i></p> <p>2.Understanding Influences <i>(co-operation, communication, resilience, communication,</i></p>	
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### Shocking Electricity

Science:  
Discovering common appliances which use electricity.  
Creating simple circuits.  
Using switches in circuits.  
Discovering electrical conductors.  
Investigating changing circuits.  
Investigating series and parallel circuits.  
Finding out about the dangers of electricity.  
History:  
Discovering the history of electricity.  
Discovering key inventions which have used electricity.  
DT:  
Design and make a nightlight, applying our


shapes, triangles and quadrilaterals.  
**Statistics** – interpret and present data in bar charts and time graphs, comparison problems in tables and graphs.  
**Measure – Length and Mass** – convert units of measure, measure and calculate perimeter. Find area by counting squares.  
**Measure – Volume and Capacity** convert units of measure.  
**Four Operations – Measure** – solve problems with measures using all four operations.

*thoughtfulness, respect, adaptability)*  
3. Understanding Bullying  
*(resilience, communication, thoughtfulness, respect, adaptability)*  
4. Problem solving  
*(resilience, communication, thoughtfulness, respect, adaptability)*  
5. Special Me  
*(respect, thoughtfulness, communication, co-operation, resilience, adaptability, morality)*  
6. Celebrating difference: how we look  
*(respect, thoughtfulness, communication, co-operation, resilience, adaptability, morality)*


		learning about circuits.							
	Spring	 <p>Water Works</p> <p>Science: Investigating states of matter. Investigating the changing of states. Learning about the water cycle. Discovering the journey from the river to home, via a water treatment centre.</p> <p>Geography: Discovering rivers and lakes in the UK and USA. Understanding water conservation.</p>  <p>Bloomin' Rainforests</p> <p>Science: Understanding food chains. Discovering the principles of animal camouflage.</p>		<p><b>Number and Place Value</b> – Rounding to the nearest 10, 100 and 1000, counting with negative numbers.</p> <p><b>Addition and Subtraction</b> – add and subtract 4 digit numbers with regrouping in the 100's, 10's and 1's and using the formal method (concrete-pictorial – abstract). Two-step word problems.</p> <p><b>Multiplication and Division</b> - 6, 7 and 9 times tables, multiply up to 3 digit numbers by a single digit –short multiplication (abstract), divide a 3 digit number by a single digit with regrouping in the 100's, 10's and 1's (concrete – pictorial - abstract)</p> <p><b>Fractions, Decimals and Percentages</b> – use factors and</p>	<p>Research information about access to clean water, verifying information found is correct</p> <p>Word processing a letter using 'enter' for paragraphs</p>		<p><b>Inspirational People: Hinduism</b> <b>How does the story of Rama and Sita inspire Hindus to follow their dharma?</b></p> <p><b>Inspirational People: Sikhism</b> <b>How does the teaching of the gurus move Sikhs from dark to light?</b></p>	<p><b>Puzzle 3 - Dreams and Goals</b></p> <ol style="list-style-type: none"> <li>Hopes and Dreams <i>(thoughtfulness, resilience, communication)</i></li> <li>Broken Dreams <i>(adaptability, communication, co-operation, respect, thoughtfulness, resilience)</i></li> <li>Overcoming Disappointment <i>(adaptability, communication, co-operation, respect, thoughtfulness, resilience)</i></li> <li>Creating New Dreams <i>(adaptability, communication, co-operation, respect, thoughtfulness, resilience)</i></li> <li>Achieving Goals</li> </ol>	<p><b>Rigalo: Le fêtes 1 - 4</b></p> <p><b>Rigalo: Où vas-tu?1 - 4</b></p>






		<p>Living things and their habitats NC objectives.</p> <p>Geography: Where are rainforests? Discovering the layers of the rainforest. Comparing life between two locations; Thetford forest and the Amazon rainforest. Discovering products for the rainforest and the effects of deforestation. Learning about organisations that support the rainforest.</p> <p>Art: Tribal masks. Henry Rousseau.</p> <p>DT: Looking at where different fruit is grown and making: Fruit kebabs Fruit crumble Savoury tart</p> <p>Music: Rainforest music.</p>		<p>multiples to identify equivalent fractions, simplify fractions, find unit and non-unit fractions of quantities using the bar model, add and subtract like fractions.</p> <p><b>Geometry – Position and Direction</b> Number of right angles in half and whole turns, describe position of points on grids using coordinates, describe translations of shapes and plot specified points.</p> <p><b>Statistics</b> – sum and difference problems in tables and graphs, understand and use a range of scales.</p> <p><b>Measure – Money</b> – calculate money in pounds and pence using all four operations.</p> <p><b>Four Operations – Money</b> – solve one and two step</p>			<p>(respect, communication, thoughtfulness, co-operation)</p> <p>6. We Did It! (respect, communication, thoughtfulness, co-operation)</p> <p><b>Puzzle 4 - Healthy Me</b> 1. My Friends and Me (respect, adaptability, enquiry, resilience, communication, co-operation) 2. Group Dynamics (respect, adaptability, enquiry, resilience, communication, co-operation) 3. Smoking (enquiry, adaptability, communication) 4. Alcohol (enquiry, adaptability, communication)</p>	
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				problems with money and all four operations. <b>Measure – Time –</b> solve problems involving converting time. <b>Geometry – Shape</b> Identify acute and obtuse angles, compare and order angles, compare length and angles to decide if a shape is regular or irregular.				5.Healthy Friendships <i>(respect, adaptability, enquiry, resilience, communication, co-operation)</i> 6.Celebrating my Inner Strength and Assertiveness <i>(respect, adaptability, enquiry, resilience, communication, co-operation)</i>	
Summer	 Awful Egyptians History: Discovering societies social pyramid in Ancient Egypt. Finding out about farmers, making comparisons with today’s farming. Creating a timeline of pharoes		<b>Number and Place Value –</b> Roman numerals to 100, place value of decimals and fractions. <b>Addition and Subtraction –</b> adding and subtracting decimals with the same place value and up to 2 decimal places using formal methods, starting with 1 decimal place and no	Multimedia presentation		<b>Religion, Family and Community: Christianity</b> Why do Christians believe they are ‘people on a mission’?  <b>Religion, Family and Community: Sikhism</b> How do Sikhs put their beliefs	<b>Puzzle 5 - Relationships</b> 1.Jealousy <i>(enquiry, thoughtfulness, resilience, adaptability)</i> 2.Love and Loss <i>(enquiry, thoughtfulness, resilience, adaptability, communication)</i> 3.Memories <i>(enquiry, thoughtfulness, resilience,</i>	<b>Rigalo: On mange! 1 – 4</b>  <b>Rigalo: Le cirque 1 - 4</b>	

		<p>Understanding the process of mummification. Discovering the 'journey to the afterlife'. Finding out about Howard Carter and Tutankhamen. Discovering Egyptian tombs. Geography: Finding Africa and Egypt. DT: Designing and making a Shaduf. Building pyramids. Art: Tomb painting. Egyptian headdress. Music: Ballet Egyptien. Charanga: Ancient Egypt.</p>  <p>Blood, bones and body bits</p> <p>Science: Identifying types of teeth. Discovering food chains.</p>		<p>regrouping, then with regrouping and then 2 decimal places and regrouping. Two-step word problems.</p> <p><b>Multiplication and Division</b> – 11 and 12 times tables, multiply a 2 digit by a 2 digit number using grid method moving to formal method. multiplying decimals by a single digit using formal method, divide a 3 digit number by a single digit with regrouping in the 100's, 10's and 1's (pictorial-abstract)</p> <p><b>Fractions, Decimals and Percentages</b> – decimal equivalents for tenths, hundredths, <math>\frac{1}{2}</math>, <math>\frac{1}{4}</math>, <math>\frac{3}{4}</math>, compare and round decimals, place fractions and decimals on number lines.</p>		<p>about equality into practice?</p>	<p><i>adaptability, communication)</i></p> <p>4. Getting On and Falling Out <i>(respect, enquiry, thoughtfulness, resilience, adaptability, communication)</i></p> <p>5. Girlfriends and Boyfriends <i>(respect, communication, thoughtfulness, resilience, adaptability, co-operation)</i></p> <p>6. Celebrating my Relationships with People and Animals <i>(communication, respect)</i></p> <p><b>Puzzle 6 - Changing Me</b></p> <p>1. Unique Me <i>(thoughtfulness, enquiry, respect, communication)</i></p> <p>2. Having a Baby</p>	
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		<p>Finding out about the digestive system.</p> <p>Discovering hearing, how sounds are made, volume and pitch.</p>  <p>Satisfying Steam Systems</p> <p>Science: The changing state of heating and cooling water in steam trains including, evaporation and condensation.</p> <p>Identifying common appliances which run on electricity.</p> <p>History: Who is George Stevenson? Creating a timeline of figures involved in the development of the railway.</p> <p>Discovering the effects of the railway on people's lives.</p> <p>Finding out about construction</p>		<p><b>Geometry – Position and Direction</b> Draw a polygon, draw a pair of axes, use coordinate plotting ICT tools.</p> <p><b>Measure – Volume and Capacity –</b> estimate, compare and calculate measures.</p> <p><b>Four Operations – Volume and Capacity</b> <b>Measure – Length and Mass</b> estimate, compare and calculate measures.</p> <p><b>Four Operations – Length and Mass</b> <b>Geometry – Shape</b> Identify lines of symmetry in 2-d shapes and complete symmetric figures.</p> <p><b>Statistics –</b> recording change over time, using venn and carroll diagrams.</p> <p><b>Measure – Time –</b> calculate durations</p>				<p><i>(thoughtfulness, enquiry, respect, communication)</i></p> <p>3.Girls and Puberty <i>(thoughtfulness, enquiry, respect, communication resilience, adaptability)</i></p> <p>4.Circles of Change <i>(resilience, adaptability, thoughtfulness, enquiry, respect, communication)</i></p> <p>5.Accepting Change <i>(thoughtfulness, enquiry, respect, communication, adaptability, resilience)</i></p> <p>6.Looking Ahead <i>(resilience, adaptability, co-operation, communication, respect)</i></p>	
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		<p>projects through history including risks and working conditions.</p> <p>Discovering the Staplehurst Rail Development and the impact on the future.</p> <p>Geography: Understanding maps, what would the country look like before railways?</p> <p>Learning about the impact of the railway on towns including arguments for and against.</p> <p>Developing links between rail travel and other travel, planes and boats.</p> <p>Art: Investigating the Futuristic art movement.</p> <p>Music: Discovering mechanical music. Creating sounds in a variety of ways.</p>		<p>of time that pass through the hour.</p>					
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		IPC	Literacy	Maths	Computing (To be finalised Feb 2021)	PE (To be completed April 2021)	RE	SMSC/PSHE	French
Year 5	Autumn	 Scintillating Solar Systems Science: Discovering the solar system. Finding out about the movement of planets around the sun. Learning about night and day. Learning about forces on Earth and Mars. History: The history of space travel. DT: Making a Space Rover. Music: Journey into Space.  Vile Victorians Learning about Queen Victoria including the	<i>Scribbleboy – Phillip Ridley</i>  Performance poetry (raps) Biographies Autobiographies, persuasion – OREO, debate Diary entry Non-chronological report on a street artist Character description Settings description Newsletter  <i>Tom's Midnight Garden – Philippa Pearce</i>  Letters and postcards Newspaper reports Diary entry Narrative based on discovering something	<b>Number and Place Value</b> – read, write, compare and order numbers to 1,000,000 (6 digits). Know the place value of digits in a 6 digit number. <b>Addition and Subtraction</b> – add and subtract numbers with 4 digits, with regrouping in the 1000's, 100's, 10's and 1's – Formal method (abstract). <b>Multiplication and Division</b> – multiply a 4 digit number by a 1 digit number using formal method and with regrouping, divide a 4 digit number by a single digit with regrouping and remainders. <b>Four Operations</b>	Discovery Coding lessons units 5a Speed, direction and coordinates and 5b Random numbers and simulation		<b>Teachings and Authority: Christianity</b> <b>Why is the Gospel such good news for Christians?</b>  <b>Teachings and Authority: Islam</b> <b>What does the Qur'an reveal to Muslims about Allah and his guidance?</b>	<b>Puzzle 1 - Being Me in My World</b> 1.My Year Ahead <i>(co-operation, thoughtfulness, respect, communication)</i> 2.Being a Citizen of my Country <i>(co-operation, thoughtfulness, respect, communication, enquiry)</i> 3.Year 5 Responsibilities <i>(respect, adaptability, communication, thoughtfulness, resilience, morality)</i> 4.Rewards and Consequences <i>(communication, co-operation, resilience, adaptability)</i> 5.Our Learning Charter	<b>Rigalo: Salut Gustave! 1 – 4</b>  <b>Rigalo: A l'école 1 - 4</b>


		<p>'Royal family tree'.</p> <p>Finding out about Victorian schooling.</p> <p>Discovering the Industrial Revolution.</p> <p>Learning about Victorian leisure.</p> <p>Developing an understanding of key Victorian inventions.</p> <p>Finding out about important Victorians.</p> <p>Learning about Victorian children and life in a workhouse (including local historic evidence).</p> <p>Geography: Develop an understanding of a changing landscape, using maps to investigate.</p> <p>DT: Design and sew a waistcoat.</p>		<p><b>Measure – Time –</b> solve problems involving converting time.</p> <p><b>Fractions, Decimals and Percentages –</b> identify equivalent fractions, including tenths and hundredths, compare and order fractions, find fractions of larger quantities using the bar model.</p> <p><b>Geometry – Shape</b> Identify 3-d shapes from 2-d representations, estimate, compare and draw angles.</p> <p><b>Measure – Length and Mass</b> convert between different units of metric measure.</p> <p><b>Measure – Volume and Capacity</b> convert between different</p>				<p><i>(adaptability, respect, co-operation, communication)</i></p> <p>6.Owning out Learning Charter</p> <p><i>(adaptability, respect, co-operation, communication)</i></p> <p><b><u>Puzzle 2 - Celebrating Difference</u></b></p> <p>1.Different Cultures</p> <p><i>(resilience, communication, thoughtfulness, respect, adaptability, enquiry, international mindedness)</i></p> <p>2.Racism</p> <p><i>(resilience, communication, thoughtfulness, respect, adaptability)</i></p> <p>3.Rumours and Name-calling</p>	
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				<p>units of metric measure.</p> <p><b>Four Operations – Measure</b></p> <p>Two step word problems.</p> <p><b>Statistics</b> – I solve comparison, sum and difference problems with line graphs.</p>				<p><i>(resilience, communication, thoughtfulness, respect, adaptability)</i></p> <p>4.Types of Bullying</p> <p><i>(resilience, communication, thoughtfulness, respect, adaptability)</i></p> <p>5.Does Money Matter?</p> <p><i>(enquiry, respect, communication, morality, thoughtfulness)</i></p> <p>6.Celebrating Difference Across the World</p> <p><i>(respect, thoughtfulness, communication, co-operation, resilience, adaptability, morality, international mindedness)</i></p>	
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	Spring	 <p>Journey from America</p> <p>Geography: Finding UK and USA on maps, considering the journey including flight plans. Within these countries, find key sights using grid references and compass points. Making comparisons between different areas or cities. Looking at differences between transport links in the UK/USA.</p> <p>History: Discovering the discovery of America. Investigating Gaucho Culture. Finding out about the history of Slavery.</p>	<p><i>Oliver Twist (Abridged versions)</i></p> <p>Non-chronological report Stories with historical settings</p> <p><i>There's a Boy in the Girls' Bathroom Louis Sachar</i></p> <p>Non-chronological reports Debate Play script</p>	<p><b>Number and Place Value</b> – number sequences, term - to-term rules and interpreting negative numbers. <b>Addition and Subtraction</b> – add and subtract numbers with up to 4 digits (add a 3 digit to a 4 digit for example), with regrouping in the 1000's, 100's, 10's and 1's – Formal method (abstract). Two-step word problems. <b>Multiplication and Division</b> – multiply up to a 4 digit number by a 2 digit number using expanded method. Divide a 4 digit number by a single digit with regrouping and interpreting remainders appropriately for context. Divide</p>	Internet safety: to use knowledge to create a quiz on Internet safety		<p><b>Teachings and Authority: Hinduism</b> <b>What spiritual pathways to moksha are written about in Hindu scriptures?</b></p> <p><b>Worship, Pilgrimage &amp; Sacred Places: Judaism</b> <b>What is holiness for Jewish people: a place, a time, an object or something else?</b></p>	<p><b>Puzzle 3 - Dreams and Goals</b></p> <p>1. When I Grow Up (My Dream Lifestyle) <i>(thoughtfulness, resilience, communication, adaptability)</i></p> <p>2. Investigate Jobs and Careers <i>(adaptability, communication, co-operation, respect, thoughtfulness, resilience)</i></p> <p>3. My Dream Job (Why I want it and the steps to get there) <i>(adaptability, communication, co-operation, respect, thoughtfulness, resilience)</i></p> <p>4. Dreams and Goals of Young People from Other Cultures.</p>	<p><b>Rigalo: La nourriture 1 – 4</b></p> <p><b>Rigalo: En Ville 1 – 4</b></p>

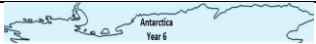

		<p>Music: Develop an understanding of Country music and its traditions.</p>  <p>Smashing Saxons History: Where do the Anglo-Saxons fit on a historical timeline? Developing an understanding of the Dark Ages. Who were the Anglo-Saxons? Finding out about the Anglo-Saxon invasion of Britain. Learning about the life of an Anglo-Saxon. Learning about the importance of Anglo-Saxon gods. Finding out about Britain's conversion to Christianity. Discovering Alfred the Great and his</p>		<p>decimal numbers by a single digit using place value counters.</p> <p><b>Fractions, Decimals and Percentages – read and write</b> decimal numbers as fractions. Convert mixed numbers to improper fractions (and back), add and subtract fractions with the same denominator and denominators that are multiples of the same number.</p> <p><b>Measure – Money</b> <b>Four Operations –</b> Money solve one and two-step word problems involving money.</p> <p><b>Measure – Time</b> Solve problems involving converting time.</p> <p><b>Geometry – Position and Direction</b> Reflect and translate</p>	Use MSPublisher to create a poster showing crime and punishment			<p><i>(resilience, communication, thoughtfulness, respect, adaptability, enquiry, international mindedness)</i></p> <p>5.How can we support each other? <i>(respect, communication, thoughtfulness, co-operation)</i></p> <p>6.Rallying Support <i>(respect, communication, thoughtfulness, co-operation)</i></p> <p><b><u>Puzzle 4 - Healthy Me</u></b></p> <p>1.Smoking <i>(enquiry, adaptability, communication)</i></p> <p>2.Alcohol <i>(enquiry, adaptability, communication)</i></p> <p>3.Emergency Aid <i>(enquiry, co-operation, respect)</i></p>	
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		<p>developments in seafaring. Finding out about the Sutton Hoo and the local history of West Stow. Discovering crime and punishment during Anglo-Saxon times. Learning about the end of the Anglo-Saxons. Geography: Discovering places in Britain which have Anglo-Saxon links, and what they would have been called. Art: Discovering Anglo-Saxon shields.</p>		<p>shapes on a grid (first quadrant).</p> <p><b>Geometry – Shape</b> Identify angles at a point, in a full turn and on straight line. Identify missing lengths and angles. Sort regular and irregular polygons.</p>				<p>4.Body Image (<i>resilience, adaptability, communication, respect, thoughtfulness</i>)</p> <p>5.My Relationship with Food (<i>resilience, adaptability, communication, respect</i>)</p> <p>6.Healthy Me (<i>resilience, adaptability, communication, respect</i>)</p>	
	Summer	 <p>Marvellous Materials</p> <p>Science: Comparing materials</p>	<p><i>The Railway Children – E. Nesbitt</i></p> <p>Character / settings descriptions Play script</p>	<p><b>Number and Place Value –</b></p> <p>Rounding to 10, 100, 1000, 10,000 and 100,000, counting in steps of powers of 10, Roman Numerals to 1000.</p>	Presenting data		<p><b>Worship, Pilgrimage &amp; Sacred Places: Christianity</b></p> <p>What is the great significance of the 'Eucharist' to Christians?</p>	<p><b>Puzzle 5 - Relationships</b></p> <p>1.Recognising Me (<i>adaptability, resilience, thoughtfulness, communication,</i></p>	<p><b>Rigalo: En vacances 1 – 4</b></p> <p><b>Rigalo: Chez moi 1 - 4</b></p>

		<p>depending on their properties. Making solutions by dissolving. Investigating separating mixtures. Finding out about reversible and irreversible changes. Carrying out fair tests involving everyday materials.</p>  <p>Vicious Vikings History: Who were the Vikings? Finding out about the invasion of the Vikings and defeating of Alfred the Great. Viking gods and goddesses Evaluating the impact of the Vikings Learning about Danelaw. Finding out about life as a Viking.</p>	<p><i>FArTHER – Grahame Baker-Smith</i></p> <p>Myths and Legends Factual diary entries Explanation Persuasion / Point of View</p>	<p><b>Addition and Subtraction</b> – add and subtract decimals with up to 2 decimal places (adding a 1 decimal place to a 2 decimal place). Two-step word problems.</p> <p><b>Multiplication and Division</b> – multiplying up to a 4 digit number by a 1 digit number using expanded method. Multiply and divide whole and decimal numbers by 10, 100 and 1000. Divide a 4 digit number by a single digit with regrouping and interpreting remainders appropriately for context.</p> <p><b>Fractions, Decimals and Percentages</b> – add and subtract decimals, multiply fractions and mixed numbers by whole numbers,</p>		<p><b>Symbols and Religious Expression: Buddhism</b> <b>How did Buddha teach his followers to find enlightenment?</b></p>	<p><i>co-operation, respect)</i></p> <p>2.Safety with Online Communities <i>(adaptability, resilience, thoughtfulness, communication, co-operation, respect)</i></p> <p>3.Being in an Online Community <i>(adaptability, resilience, thoughtfulness, communication, co-operation, respect)</i></p> <p>4.Online Gaming <i>(adaptability, resilience, thoughtfulness, communication, co-operation, respect)</i></p> <p>5.My Relationship with Technology: Screen time <i>(adaptability, resilience, thoughtfulness, communication,</i></p>	
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		<p>Learning about the Battle of Maldon.</p> <p>Geography: Discovering places in the UK which have Viking relevance. Identifying Scandinavia and the countries within on a map. Creating a route map of the journey of the Vikings to invade.</p> <p>Art: Finding out about Celtic knots and patterns. Rune making.</p> <p>Music: Charanga: Vikings.</p>		<p>convert fractions to percentages.</p> <p><b>Statistics –</b> complete, read and interpret tables, including time tables.</p> <p><b>Geometry – Position and Direction</b> Use a 2-d grid and coordinates in the first quadrant (first quadrant)</p> <p><b>Geometry – Shape</b> Draw lines to the nearest mm, label parallel lines and right angles, identify and use diagonal and parallel lines.</p> <p><b>Measure – Volume and Capacity</b> estimate and measure capacity, estimate volume.</p> <p><b>Measure – Length and Mass –</b> use approximate equivalences for metric and imperial measures. Measure and calculate the</p>				<p><i>co-operation, respect)</i></p> <p>6.Relationships and Technology <i>(adaptability, resilience, thoughtfulness, communication, co-operation, respect)</i></p> <p><b><u>Puzzle 6 - Changing Me</u></b></p> <p>1.Self and Body Image <i>(thoughtfulness, enquiry, respect, communication, adaptability, resilience)</i></p> <p>2.Puberty for Girls <i>(thoughtfulness, enquiry, respect, communication, adaptability, resilience)</i></p> <p>3.Puberty for Boys <i>(thoughtfulness, enquiry, respect, communication, adaptability, resilience)</i></p> <p>4.Conception</p>	
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				perimeter of rectilinear composite shapes, calculate and compare the area of rectangles. Estimate the area of irregular shapes. <b>Measure – Money</b> Use multiplication and division to inter scale and calculate changing rates. <b>Four Operations - Measure</b>				<i>(thoughtfulness, enquiry, respect, communication, adaptability, resilience)</i> 5.Looking Ahead 1 <i>(thoughtfulness, enquiry, respect, communication, adaptability, resilience)</i> 6.Looking Ahead 2 <i>(thoughtfulness, enquiry, respect, communication, adaptability, resilience)</i>	
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		IPC	Literacy	Maths	Computing (To be finalised Feb 2021)	PE (To be completed April 2021)	RE	SMSC/PSHE	French
Year 6	Autumn	 Light and Sight Developing an understanding of light. Explain the light travels in straight lines.	<i>Holes (Louis Sachar)</i> Newspaper reports Narrative – flashbacks Informal letter speech/presentation Script Persuasive writing Non-fiction writing	<b>Number and Place Value –</b> read, write, compare and order numbers to 10,000,000. Identify the place value of digits in a 7 digit number. Identify	Discovery Coding lessons units 6a More Complex Variables 6b Object Properties		<b>Beliefs &amp; Questions: Christianity</b> <b>How do Christians try to capture the mystery of God as Trinity?</b>	<b><u>Puzzle 1 - Being Me in My World</u></b> 1.My Year Ahead <i>(co-operation, thoughtfulness, respect, communication)</i> 2.Being a Global Citizen 1	<b>Rigalo: Le week-end 1 – 4</b>  <b>Rigalo: Le vêtements 1 – 4</b>

		<p>Explain why shadows form different shapes.</p>  <p>Woeful Second World War</p> <p>Developing an understanding of why World War II broke out?</p> <p>Finding out about evacuees.</p> <p>Understanding the concept of rationing.</p> <p>Finding out about stereotypes and the role of women.</p> <p>Exploring the Holocaust and finding out about Anne Frank.</p> <p>Finding out about concentration camps.</p> <p>Learning about The Blitz and the dog fights.</p> <p>Finding out about WWII propaganda.</p> <p>Finding out about Remembrance.</p> <p>Geography: Identifying the location of countries that were</p>	<p><i>Carrie's War (Nina Baldwin)</i></p> <p><i>The Diary of Anne Frank</i></p> <p><i>A Christmas Carol (Charles Dickens)</i></p> <p>Diary writing</p> <p>Letter writing</p> <p>Newspaper</p> <p>Argument</p> <p>Descriptive writing - settings</p> <p>Flashback Narrative</p> <p>Biographies – historical figures</p>	<p>negative integers, calculate intervals across zero.</p> <p><b>Addition and Subtraction –</b> add and subtract any number, including decimal numbers, using the formal methods abstract). Add negative numbers.</p> <p><b>Multiplication and Division –</b> Multiply by a 2 digit number using formal method of multiplication, multiply decimals and fractions. Divide up to a 4 digit number using short division. Divide up to a 4 digit number by a 2 digit number using long multiplication.</p>			<p><b>Beliefs &amp; Questions: Islam</b></p> <p><b>How does tawhid create a sense of belonging to the Muslim community?</b></p>	<p>(<i>respect, adaptability, communication, thoughtfulness, resilience, morality, international mindedness</i>)</p> <p>3. Being a Global Citizen 2</p> <p>(<i>respect, adaptability, communication, thoughtfulness, resilience, morality, international mindedness</i>)</p> <p>4. The Learning Charter</p> <p>(<i>enquiry, adaptability, respect, co-operation, communication</i>)</p> <p>5. Our Learning Charter</p> <p>(<i>adaptability, respect, co-operation, communication</i>)</p> <p>6. Owning Our Learning Charter</p> <p>(<i>adaptability, respect, co-</i></p>	
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		<p>involved, including Russia.</p> <p>Developing maps to record the route path of invasions by different sides.</p> <p>DT:</p> <p>Building realistic models of an air raid shelter.</p> <p>Music:</p> <p>Develop and understanding of WWII songs and the purpose of this music.</p>		<p><b>Four Operations</b> – multistep word problems, Order of operations.</p> <p><b>Measure – Time</b> – solve time duration problems using all four operations.</p> <p><b>Fractions, Decimals and Percentages</b> – compare and order fractions including those greater than 1, simplify fractions, express fractions with a different denominator, add and subtract fractions with denominators that are multiples of the same number.</p> <p><b>Geometry – Shape</b></p> <p>Draw 2-d shapes with</p>				<p><i>operation, communication)</i></p> <p><b><u>Puzzle 2 - Celebrating Difference</u></b></p> <p>1.Am I Normal? <i>(enquiry, respect, communication, resilience)</i></p> <p>2.Understanding difference <i>(respect, thoughtfulness, communication, co-operation, resilience, adaptability, morality, international mindedness)</i></p> <p>3.Power Struggles <i>(resilience, communication, thoughtfulness, respect, adaptability)</i></p> <p>4. Why Bully <i>(resilience, communication,</i></p>	
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given dimensions and angles. Recognise, describe and build simple 3-d shapes, make nets.

**Measure – Volume, Capacity and Mass** – convert between measures using decimal notation, understand when to use formula for area/volume.


**Measure – Length and Money** – convert between measures using decimal notation, convert between miles and kilometres. Solve money problems using all four operations.

*thoughtfulness, respect, adaptability)*  
5. Celebrating Difference  
*(respect, thoughtfulness, communication, co-operation, resilience, adaptability, morality, international mindedness)*  
6. Celebrating Difference  
*(respect, thoughtfulness, communication, co-operation, resilience, adaptability, morality, international mindedness)*

				<p><b>Four Operations – Measure</b> – solve two step word problems, including converting between measures. Know that shapes with the same area can have different perimeters, calculate areas of triangles and parallelograms.</p> <p><b>Statistics -</b> Interpret, construct and solve problems with line graphs and pie charts.</p>					
Spring	 <p>Raging Rivers Geography: Locating the World’s most famous rivers on a map. Developing an understanding of the parts of a river. Finding out about the land use on the</p>		<p><b>Fractions, Decimals and Percentages</b> – add and subtract fractions with different denominators and mixed numbers, multiply pairs of fractions, divide fractions,</p>	<p>Internet Safety : create an advert promoting internet safety</p> <p>Multimedia presentation</p>		<p><b>Beliefs &amp; Questions: Hinduism</b> How do questions about Brahman and atman influence the way a Hindu lives?</p> <p><b>Journey of Life &amp;</b></p>	<p><b>Puzzle 3 - Dreams and Goals</b> 1.Personal Learning Goals <i>(thoughtfulness, resilience, communication, adaptability)</i> 2.Steps to Success <i>(adaptability, communication,</i></p>	<p><b>Rigalo: Ma journée 1 – 4</b></p> <p><b>Rigalo: Les transports 1 - 4</b></p>	

		<p>banks of rivers, including cities which are located on major rivers. Carrying out fieldwork at a local river; including creating sketch maps and testing the river speed. Develop an understanding of the land use at different parts (upper, middle and lower) of a river. Creating linear maps and making comparisons with OS maps. Developing an understanding of river flooding and the dangers of living near rivers. Comparing the Mississippi and the River Thames and looking at the cities which both run through. Music: Charanga: Oceans, Seas and Rivers. DT: Discovering bridges from around the</p>		<p>decimal equivalents.  <b>Four Operations</b> – multi-step word problems with all four operations.  <b>Algebra</b> – use simple formula to generate, express and describe: number sequences, mathematical formula, missing numbers, lengths, angles and coordinates, equivalent expressions.  <b>Four Operations – Money</b> Solve problems with money using all four operations.  <b>Measure – Time</b> Solve time duration problems using all four operations.</p>			<p><b>Death: Buddhism</b>  <b>How does the Triple Refuge help Buddhists in their journey through life?</b></p>	<p><i>co-operation, respect, thoughtfulness, resilience)</i>  3.My Dream for the World  <i>(resilience, communication, thoughtfulness, respect, adaptability, enquiry, international mindedness)</i>  4.Helping to make a difference  <i>(respect, communication, thoughtfulness, co-operation)</i>  5.Helping to make a difference  <i>(respect, communication, thoughtfulness, co-operation)</i>  6.Recognising Our Achievements  <i>(respect, communication, thoughtfulness, co-operation)</i></p>	
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		<p>World and their design features. Building a model bridge. Creating a boat with a circuit to move along the river</p>		<p><b>Geometry – Position and Direction</b> Describe positions on all four quadrants, draw and translate shapes on the coordinate plane, reflect simple shapes in all four quadrants.</p> <p><b>Geometry – Shape</b> Visualise a 3-d shape from its net. Visualise where patterns are on 3-d shapes. Compare and classify geometric shapes, identify parts of a circle and find diameter.</p> <p><b>Ratio and Proportion –</b> compare two and three things using ratio, find equivalent ratios, percentage</p>				<p><b><u>Puzzle 4 - Healthy Me</u></b> 1.Taking responsibility for my health and well-being <i>(resilience, adaptability, communication, respect, thoughtfulness)</i> 2.Drugs <i>(enquiry, adaptability, communication)</i> 3.Exploitation <i>(enquiry, adaptability, communication)</i> 4.Gangs <i>(enquiry, adaptability, communication, resilience, respect)</i> 5.Emotional and Mental Health <i>(resilience, adaptability, communication, respect, thoughtfulness)</i> 6.Managing Stress and Pressure</p>	
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				problems, use percentages for comparison.				(resilience, adaptability, communication, respect, communication, co-operation, thoughtfulness)	
Summer	 <p>Maturing Mankind Science: Develop an understanding of where life began. Discovering the Dinosaur Era and life has developed over time. Learning about how insects and birds have evolved. Finding out about where humans have come from and what the future holds. Learning about the heart and digestive system. Developing an understanding of how humans can stay healthy. Music: African Dance.</p>	<p><i>Clockwork (Philip Pullman)</i></p> <p>Explanations Biographies Narrative Play script Newspaper Character description</p> <p><i>The Works – Poetry Anthropology</i></p> <p>Poetry – Different styles</p>	<p><b>Number and Place Value</b> – term to term rules, round any whole number, place value of decimals, decimals on a number line. <b>Four Operations</b> – <b>Money</b> Solve problems with money using all four operations. <b>Algebra</b> – find pairs of numbers that satisfy an equation with 2 unknowns, find all possibilities of combinations of two variables. <b>Fractions, Decimals and Percentages</b> – Multiply</p>	Create a webpage		<p>Journey of Life &amp; Death: Christianity Should believing in the resurrection change how Christians view life and death?</p> <p><b>Journey of Life &amp; Death: Humanism</b> <b>Why do Humanists say happiness is the goal of life?</b></p>	<p><b>Puzzle 5 - Relationships</b> 1.What is Mental Health? (adaptability, resilience, thoughtfulness, communication, co-operation, respect) 2.My Mental Health (adaptability, resilience, thoughtfulness, communication, co-operation, respect) 3.Love and Loss (adaptability, resilience, thoughtfulness, communication, co-operation, respect) 4.Power and Control</p>	<p><b>Rigalo: Le sport 1 - 4</b></p> <p><b>Rigalo: On va faire la fête! 1 - 4</b></p>	



### Mighty Mayans

#### History:

Finding out about the significance of the Mayans.

Learning about Mayan ruins.

Exploring ancient Maya artefacts.

Finding out about Mayan Gods.

Discovering Mayan writing.

Investigating the decline of the Maya civilisation.

Finding out about significant Maya inventions

#### Geography:

Locating areas of Mayan civilisation on a map.

#### Music:

Creating a film accompaniment track.

#### Art:

Mayan masks.

#### DT:

Healthy choices – Bolognese and bread

decimals with up to 2 digits by whole numbers, interpret remainders as whole number remainders, fractions or rounding, depending on context.

#### Geometry –

**Shape** Identify angles and find missing angles in shapes, express relationships algebraically.

#### Ratio and

**Proportion** – scale factors for shape problems, fractions and multiples to solve unequal sharing.

#### Statistics –

calculate and interpret mean as the average, graphs with 2 variables, use conversion graphs.

#### Four Operations

*(adaptability, resilience, thoughtfulness, communication, co-operation, respect)*

5. Being on-line:

Real or Fake?

Safe or Unsafe?

*(adaptability, resilience, thoughtfulness, communication, co-operation, respect)*

6. Using

Technology

Responsibly

*(adaptability, resilience, thoughtfulness, communication, co-operation, respect)*

#### Puzzle 6 -

#### Changing Me

1. My Self Image

*(thoughtfulness, enquiry, respect, communication, adaptability, resilience)*

2. Puberty

				<p><b>Geometry – Position and Direction</b> Draw and label all four quadrants, predict missing coordinates, express translations algebraically.</p> <p><b>Measure – Volume, Capacity and Mass –</b> calculate and compare the volumes of cubes and cuboids.</p> <p><b>Measure – Length</b> Area and perimeter of rectilinear compound shapes, using formula to express area and perimeter, area of triangles and parallelograms.</p> <p><b>Four Operations –</b> Measure solve problems using all four operations.</p>				<p><i>(thoughtfulness, enquiry, respect, communication, adaptability, resilience)</i></p> <p>3.Babies: Conception to Birth</p> <p><i>(thoughtfulness, enquiry, respect, communication, adaptability, resilience)</i></p> <p>4.Boyfriends and Girlfriends</p> <p><i>(thoughtfulness, enquiry, respect, communication, adaptability, resilience)</i></p> <p>5.Real Self and Ideal Self</p> <p><i>(thoughtfulness, enquiry, respect, communication, adaptability, resilience)</i></p> <p>6.The Year Ahead</p> <p><i>(thoughtfulness, enquiry, respect, communication, adaptability, resilience)</i></p>	
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