

KS1 Long Term Overview of Science and Foundation Coverage

Year 1		
AUTUMN	SPRING	SUMMER
<p>Concept: Social Justice and Equity <i>As part of this topic children will learn about responsible citizenship, equality and justice</i></p>	<p>Concept: Diversity and Inclusion <i>As part of this topic children will learn about themselves, celebrate differences, and understand how everyone can be included in their community</i></p>	<p>Concept: Our Global Community <i>As part of this topic children will learn about the world around us and our role and responsibilities within it</i></p>
<p>BIG Question: Is it fair?</p>	<p>BIG Question: Can we all belong, even if we're different?</p>	<p>BIG Question: Who can save the planet?</p>
<p>Preparation Skills: Communication, regulation, team work, motivation</p>	<p>Preparation Skills: Problem solving, positive thinking, resilience</p>	<p>Preparation skills: Create, leadership, organise</p>
<p>Science Materials and their properties Seasonal change and plants</p>	<p>Science Plants Animals, including humans</p>	<p>Science Plants and seasonal change</p>
<p>Art Portraits: Exploring line, shape, colour and form (3d relief) through the work of other artists <i>Paul Klee</i></p>	<p>Art Illustration: Exploring line, colour, space, form and pattern through the work of other artists and <i>Illustrators</i> <i>Beatrix Potter - Quentin Blake - Morph</i></p>	<p>Art Seascapes - Exploring texture, colour, space through the work of other artists Longstone Lighthouse Alex C Smith Grace and William Darling William Adolphus Knell (1802-1875)</p>
<p>Art Portraits, Exploring line, shape, colour and form (2d relief) through the work of other artists</p>	<p>Art Illustration, Exploring line, colour, space, form and pattern through the work of other artists and <i>Illustrators</i> <i>(link to History)</i></p>	<p>Art Seascapes - Exploring texture, colour, space through the work of other artists <i>(Link to History)</i></p>
<p>Computing Basic skills 'Maze Explorers' Online safety</p>	<p>Computing Coding Online safety</p>	<p>Computing Pictograms Spreadsheets Online safety</p>
<p>DT Basic joining skills Freestanding structures</p>	<p>DT Mechanisms - Sliders and levers Food and nutrition</p>	<p>DT Textiles and sewing</p>
<p>Geography Near my school</p>	<p>Geography The features of my local area</p>	<p>Geography Our City, houses and homes</p>
<p>History The lives of significant individuals <i>in black history</i> Significant events: Beyond living memory (Gunpowder Plot) and within living memory: Remembrance</p>	<p>History The life of a significant individual, <i>Beatrix Potter</i> Comparison of aspects of life, Childhood <i>Beatrix Potter/Victorian period/school and toys</i></p>	<p>History The life of a significant individual, Grace Darling and her legacy</p>
<p>Music Playing Instruments 'In the Groove'</p>	<p>Music Playing instruments Performance and accompaniment</p>	<p>Music Improvisation and Composition 'Round and Round'</p>
<p>PE Dance and gymnastics</p>	<p>PE Throwing, catching and invasions and team games PE COACH</p>	<p>PE Athletics and Sports Day</p>
<p>PSHE Relationships: Families and</p>	<p>PSHE Living in the Wider World: Belonging to a Community; Media Literacy and</p>	<p>PSHE Health and Wellbeing: Physical Health</p>

Friendships; Safe Relationships; Respecting Ourselves and Others	Digital Resilience; Money and Work	and Mental Wellbeing; Growing and Changing; Keeping Safe
RE Who is a Christian and what do they believe? (Believing) How and why do we celebrate special and sacred times? (Expressing) How and why do we celebrate special times? (Expressing)	RE Who is a Muslim and what do they believe? (Believing) How and why do we celebrate special times? (Expressing) How and why do we celebrate special times? (Expressing)	RE 1.7 What does it mean to belong to a faith community? (Living)
Ongoing Learning Science - Seasonal changes and weather patterns. 'Working scientifically' throughout science learning Geography - 'Geography in the news', observation of seasons, weather, locational and place knowledge on-going throughout each term Computing - Online safety and basic digital literacy skills, keyboard skills		

Year 2		
AUTUMN	SPRING	SUMMER
Concept: Diversity and Inclusion <i>As part of this topic children will learn about identity and belonging for themselves and different groups in their community and society</i> -Similarities and differences between people in the local setting and in wider contexts -What contributes to self identity and belonging -Celebrating difference -How can we all be included?	Concept: Social Justice and Equity <i>As part of this topic children will learn about responsible citizenship, equality and justice</i> -The need to respect the rights of others -What fairness means -Gender equality -Basic human rights and how some people have these denied -Explore the word 'freedom' and what it means to different people in different places	Concept: Our Global Community <i>As part of this topic children will learn about the world around us and their role and responsibilities within it</i> -Positive and negative impact of people's actions on the environment -the causes of environmental neglect and how we can overcome these issues through actions -How change can be made through different organisations -The small actions we can take to help make a change
BIG Question: How can we celebrate what makes us all different while making sure everyone feels like they belong?	BIG Question: Is it fair?	BIG Question: Who can save the planet?
Preparation Skills: Communication, regulation, team work, motivation	Preparation Skills: Problem solving, positive thinking, resilience	Preparation skills: Create, leadership, organise
Science Animals, including humans	Science Uses of Everyday materials Plants	Science Animals, Including Humans Living things and their Habitats
Art South African Art - Exploring colour, line, texture through the work of other artists	Art Fire - Exploring line, shape, texture and space through the work of other artists	Art Animals (linked to Science) - exploring line, shape, space, colour, texture and form inspired by Henri Rousseau's 'Tiger in a Storm'
Computing Internet searching and spreadsheets Online safety	Computing Algorithms and coding Online safety	Computing Emails and presenting ideas Online safety
DT Food and nutrition - Healthy foods Mechanisms: Wheels and axles (Deconstruct & Explore)	DT Mechanisms: Wheels and axles (design and make)	DT Textiles - Sewing and adding embellishments
Geography Locational Knowledge	Geography Locational knowledge and	Geography Kampong Ayer, Brunei - Place

<i>The wider world, continents and oceans</i>	geographical skills	knowledge comparing local area to a small area of a contrasting non-european country
History The life of a significant individual, <i>Nelson Mandela</i> Significant event beyond living memory, Remembrance	History Significant event beyond living memory, The Great Fire of London	History Local history, seaside holidays in the past
Music Playing Instruments <i>South African music ('Hands, Feet and Heart')</i> <i>Christmas</i>	Music Playing Instruments 'The Friendship song'	Music Ukulele tuition
PE Throwing and catching, Invasion and Team Games	PE Dance and gymnastics	PE Athletics Swimming Sports Day
RE What Makes Some Places Sacred? (Expressing) How and why do we celebrate special times? (Expressing)	RE What can we learn from sacred books? (Believing) How and why do we celebrate special times? (Expressing)	RE How should we care for others and the world, and why does it matter? (Living)
PSHE Relationships: Families and Friendships; Safe Relationships; Respecting Ourselves and Others	PSHE Living in the wider World: Belonging to a community; Media Literacy and Digital Resilience; Money and Work	PSHE Health and Wellbeing: Physical Health and Mental Wellbeing; Growing and Changing; Keeping Safe
<p>Ongoing Learning</p> <p>Science - Seasonal changes and weather patterns. 'Working scientifically' throughout science learning</p> <p>Geography - 'Geography in the news', observation of seasons, weather, locational and place knowledge on-going throughout each term</p> <p>Computing Online safety safety and basic digital literacy and keyboard skills</p>		