

Curriculum Matrix Overview 2017 - 2018

Curriculum Statement

The Billesley curriculum has been designed and planned as an expression of the school vision statement.

Inspire our children to succeed

Create excitement for learning

Achieve excellence

The aim of our curriculum is to promote a thirst for knowledge and a love of learning. It covers a wide range of subjects and provides opportunities for academic, technical and sporting excellence. It has a very positive impact on all pupils' behaviour and safety, and contributes very well to pupils' academic achievement, their physical well being, and their spiritual, moral, social and cultural development.

The curriculum is designed to develop children's knowledge and understanding of different subjects but it is essential that the curriculum itself through the knowledge base taught and the skills developed is relevant to the context of Billesley and the needs of our children in order to become confident citizens in the future, able to express their opinions and contribute positively in a democratic society. We intend for them to develop the skills and confidence to participate actively in the wider community and be able to ask questions which is especially relevant in the information rich society in which we live.

The curriculum is, therefore, delivered through the principles of Philosophy for Children. These are to develop the following thinking styles through all curriculum subjects and aspects of school life:

Caring: when we think about what's said; listen to others carefully; imagine how others feel; don't interrupt; wait our turn.

Critical: ask big ideas questions; test our ideas; give good reasons; look for evidence; suggest conclusions.

Collaborative: speak to each other; build on ideas; are friendly and helpful; share our experiences; work together.

Creative: make connections; think of new ideas; explore possibilities; compare things; suggest alternatives.

Our children at Billesley learn best when

- **Learning is purposeful, practical and structured**
- **Learning is engaging and challenging**

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Year 1	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Theme	What can we find around Billesley Primary School?	How have significant events in history change the way we live today?				
Science	Animals including humans	Everyday materials	Seasonal changes	Plants		Consolidation Themed weeks Development of SC1 skills
PE	Gymnastics Striking and fielding	Dance Invasion games	Multi skills	OAA	Native American dance Striking and fielding	Athletics Net wall games
History		Significant events beyond living memory <ul style="list-style-type: none"> • Gunpowder plot • Great fire of London 		Significant events beyond living memory <ul style="list-style-type: none"> • Discovery of America 		Significant people in living memory <ul style="list-style-type: none"> • Walt Disney
Geography	The school and grounds		The world (North and South Pole, the seven continents, the equator)		The UK (name and locate the countries of the UK, the surrounding seas, daily weather patterns)	
Computing	CS: We are treasure hunters Create simple programs E-safety: Using technology safely and respectfully DL & IT: Chromebooks- Great Fire of London Create and store digital content. Eg. Picture		CS: We are collectors Understand what algorithms are E-Safety: Keeping personal information private DL & IT: Chromebooks- What's on the menu? Recognise common uses for technology beyond school. Eg. Cookery video		We are storytellers Organise, manipulate and retrieve digital content E-Safety: Reporting concerns and seeking support DL & IT: Chromebooks- Everyday materials Use logical reasoning to predict the behaviour of simple programs. Eg. Sorting materials	
PSHE	<ul style="list-style-type: none"> • Life cycles • Changing me 	<ul style="list-style-type: none"> • He same as ... different from 	<ul style="list-style-type: none"> • Steps to goals • Stretchy 	<ul style="list-style-type: none"> • Being healthy • Medicine safety 	<ul style="list-style-type: none"> • Families • People who 	<ul style="list-style-type: none"> • Rights and responsibilities

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	<ul style="list-style-type: none"> My changing body Boys' and girls' bodies Learning and growing Coping with changes 	<ul style="list-style-type: none"> What is bullying? What do I do about it? Making new friends 	learning overcoming obstacles	<ul style="list-style-type: none"> Road safety 	<ul style="list-style-type: none"> help us Being my own best friend 	<ul style="list-style-type: none"> Rewards and feeling proud]consequences
Art and Design	Print/collage townscapes	3D/sculpture Andy Goldsworthy	Paint Damien Hirst Jackson Pollock			
Design Technology				Construction homes	Food healthy snacks	Ladders photo frames
Music	Hey You! Songs and games to introduce pulse and rhythm	Little Angel Gets Her Wings Singing based on Christmas narrative	Cross curricular music with Richard Rogers	The Banana Rap Linking together rhythm and broadening understanding of musical genres	Round and Round Exploring Music with Latin beats. Beginning improvisation	Reflect, Rewind and Replay Revisiting musical elements throughout the year for performance
RE Place of worship visit: Synagogue	Christianity How does God want people to look after the world?	Christianity What gift would I have given Jesus?	Judaism Why is Shabbat important?	Judaism Does celebrating Chanukah make Jewish children feel closer to God?	Buddhism, Christianity, Islam, Hinduism, Sikhism What can we learn from stories?	
Wow Events						
Community	Carol performance	Visit to the Synagogue				

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Year 2	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Theme	How has our local area changed over time?	What geographical features are there in our local area?				
Science	Everyday materials and their uses	Living things and their habitat	Animals including humans	Plants	Movement (non - statutory)	Consolidation Themed weeks Development of SC1 skills
PE	English country dance Athletics	Health related fitness Invasion games	Gymnastics	Multi skills	Athletics Striking and fielding games	Net and wall games OAA
History	Significant people from Birmingham (in the past) <ul style="list-style-type: none"> ● Tolkein ● Cadbury ● (modern day) ● Football Teams, TV presenters and musicians, engineers 	Significant events in living memory: Moon landing			Significant events in living memory Inventions in modern times	
Geography			Study of Billesley area Maps, aerial photos, fieldwork, locations of features, routes on a map, simple maps	Geographical landmarks in a city characteristics of the four countries of the UK		History of the British seaside Living on an island (in the UK eg.) Skills and fieldwork Living on an island Madagascar Skills and fieldwork Geographical landmarks at the coast

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Computing	CS: We are games testers Understand that algorithms are implemented as programs on digital devices. Use logical reasoning to predict the behaviour of simple programs. E-Safety: Use technology safely and respectfully DL & IT: Chromebooks- Significant People Use technology to retrieve and organise digital content. Eg. Research		CS: We are astronauts Understand that programs execute by following precise and unambiguous instructions. Debug simple programs. E-Safety: Keeping personal information private DL & IT: Chromebooks- Living things and their habitats Use technology to manipulate digital content. Eg. Photography of bugs		We are detectives Recognise common uses of information technology beyond school. E-Safety: Where to go for help and support when they have concerns over online content or contact. DL & IT: Chromebooks- Living on an island Use technology to retrieve digital content. Eg. Google Earth	
PSHE	<ul style="list-style-type: none"> Hopes and fears for the year Rewards and consequences Part 1 Rewards and consequences Part 2 	<ul style="list-style-type: none"> Boys and girls Why does bullying happen Making a new friend 	<ul style="list-style-type: none"> Life cycles in nature Growing from young to old The changing me Boys' and girls' bodies Assertiveness Looking ahead 	<ul style="list-style-type: none"> Being relaxed Medicine safety The healthy cafe me 	<ul style="list-style-type: none"> Keeping safe Secrets Trust and application 	<ul style="list-style-type: none"> Goals to success My learning strengths Learning with others
Art and Design	Painting famous people/portraits	3D sculpture Anthony Gormley	Printing Lynette Amelie			
Design Technology				Mechanisms Axles	Mechanisms Winding	Food Bread, sandwiches
Music		Richard Rogers topic base music				
RE Place of worship visit: Mandir	Christianity Is it possible to be kind to everyone all the time?	Christianity Why is Jesus important to the world?	Hinduism Why does diwali give you a sense of belonging?	Hinduism Would visiting the river Ganges feel special to everyone?	Islam Does praying five times a day help a Muslim in his/her life?	Islam How does completing Hajj make you a better Muslim?
Community	Diwali assembly	Visit to the Mandir				

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Year 3	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Theme	What was Life like during the Stone Age?	How did life change during Roman Britain?	Where did the Saxons come from?			
Science	Working scientifically recommended focus on chemistry	Forces and magnets	Light	Rocks	Plants	Animals including humans
PE	Gymnastics Invasion games	Swimming daily (fortnight) Celtic dance	OAA	Health related fitness	Striking and fielding games Gymnastics	Net and wall games Athletics
History	The History of Britain From the Stone Age to the Iron Age	The History of Britain The Roman Empire and settlement of Britain	The History of Britain Anglo Saxons Vikings			
Geography				Compare geographical similarities and differences of region of the UK (West Midlands) Google Chromebook	A region in a European country (Venice??)	South America (Rio de Janeiro - London Olympics and Rio)
Computing	CS: We are programmers Write programs that accomplish specific goals E-Safety: Use technology responsibly DL & IT: Chromebooks- The Roman Empire Design and create digital content. Eg. Informative leaflet		CS: We are bug fixers Work with various forms of input and output. E-Safety: Keeping personal information private DL & IT: Chromebooks- History of Britain Use technology purposefully to collect information. Eg. Opinion poll. Should people invade?		We are presenters Use technology to present information E-Safety: Identify a range of ways to report concerns about contact. DL & IT: Chromebooks- South America Use a variety of software to accomplish simple goals. Eg. Emailing/Hang out with a South American School	

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PSHE	<ul style="list-style-type: none"> • Our nightmare school • Our dream school • Rewards and consequences 	<ul style="list-style-type: none"> • Families and Family conflict • Witness and feelings and witness and solutions • Words that harm 	<ul style="list-style-type: none"> • Dreams and goals • My dreams and ambitions • A new challenge 	<ul style="list-style-type: none"> • Being fit and healthy • What do i know about drugs • Being safe at home 	<ul style="list-style-type: none"> • Friendship • Keeping myself safe • Being a global citizen 	<ul style="list-style-type: none"> • How babies grow • Babies: my baby sister • Outside baby changes • Inside baby changes • Family stereotypes • Looking ahead
Art and Design	Paintings Cave paintings Graffiti art	3D Sculpture Celtic knotwork	Painting Henri Rousseau			
Design Technology				Mechanisms Powered levers	Textiles	Mechanisms Pneumatics
Music	Harmonica					
RE Place of worship visit: Mosque	Islam Does going to a place of worship give you a sense of belonging?	Islam How does completing hajj make you a better Muslim?	Christianity Has Christmas lost its true meaning?	Christianity Could Jesus really heal people or is there some other explanation?	Sikhism Does joining the Khalsa make a person a better Sikh?	Sikhism Do Sikhs think it's important to share?
Community	Visit to Sarehole Mill		Eid assembly	Visit to the Mosque		

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Year 4	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Theme						
Science	States of matter	Sound	Electricity	Living things and their habitats	Animals including humans	Consolidation Themed weeks Development of SC1 skills
PE	OAA Striking and fielding	Health related fitness Invasion games	Invasion games	Dance session - chinese	Athletics Gymnastics	Striking and fielding Net and wall
History		The battle of hastings 1066 The Normans	Early Civilisations China		Ancient Greece	
Geography	Mountains, (Alpine biomes) volcanoes and earthquakes			Rivers and The Water Cycle		The Amazon Rainforest
Computing	CS: We are software developers Design programs that accomplish specific goals. Use repetition in programs. Design and create program. E-Safety: Recognise acceptable/unacceptable behaviour. DL & IT: Chromebooks- Mountains, volcanoes and earthquakes Collect data and present data. Eg. Meteorology report.		CS: We are musicians Work with various forms of input and output. E-Safety: Keeping personal information private DL & IT: Chromebooks- Early Civilisations China Analyse information and evaluate information Eg. Research		CS: We are HTML editors Understand how computer networks can provide multiple services, such as the world wide web E-Safety: Understand the opportunities computer networks offer for communication. DL & IT: Chromebooks – Water Cycles Select a variety of software to accomplish given goals. Select, use and combine internet services Eg. Diagram of water cycle.	
PSHE	<ul style="list-style-type: none"> Being a school citizen Rights, responsibilities and democracy Rewards and 	<ul style="list-style-type: none"> Judging by appearance Understanding bullying Problem solving 	<ul style="list-style-type: none"> Hopes and dreams Broken dreams Overcoming disappointment 	<ul style="list-style-type: none"> Smoking Alcohol Healthy friendships 	<ul style="list-style-type: none"> Unique me Having a baby Girls and puberty Circles of change 	<ul style="list-style-type: none"> Love and loss Memories Are animals special

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	consequences				<ul style="list-style-type: none"> • Accepting change • Looking ahead 	
Art and Design	Drawing	Drawing Impressionists		Printing and Textiles Chinese Textiles	Paint Van Gogh/Cezanne	3D Sculpture Ancient Greece; Greek pottery
Design Technology		Construction Safe Shelters	Mechanisms CAMS			Food Salads
Music	Ukulele					
RE Place of worship visit: Cathedral	Christianity Is forgiveness always possible?	Christianity Do people need to go to Church to show that they are Christians	Judaism How special is the relationships Jews have with god?	Judaism How important is it for Jewish people to do as God says?	Hinduism How do Hindus show their love for God?	Hinduism Do Hindu teachings help them lead good lives?
Community	Anti bullying assembly	Visit to the Cathedral			Music performance	

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Year 5	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Theme	What would the world have been like without inventions?	Why are the Netherlands so flat?	Why did the whole world go to war?			
Science	Properties and their materials	Forces	Earth and space	Animals including humans	Living things and their habitats	Consolidation Themed weeks Development of SC1 skills
PE	Athletics Gymnastics	European dance Invasion games	Health related fitness	OAA	Invasion games Athletics	Striking and fielding Net and wall
History	Local History: Inventions (including the Victorians) <ul style="list-style-type: none"> ● Matthew Bolton and James Watt Local History: Inventions <ul style="list-style-type: none"> ● Transport/Rover ● Richard Hammond ● Birmingham music 		Global and Local History (where relevant) World War Two <ul style="list-style-type: none"> ● Chamberlain family 	Global and Local History (where relevant) WW2-life since 1945; impact on modern life		
Geography		Locate the countries with a focus on Europe including Russia concentrating on their environment region's, physical and human characteristics			All Around the World Latitude, longitude and time (including climate zone eg deserts)	Natural resources: energy – coal, oil and renewable sources
Computing	CS: We are cryptographers		CS: We are game developers		We are web developers	

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	<p>Understand computer networks including the internet. Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms.</p> <p>E-Safety: Recognise acceptable/unacceptable behaviour.</p> <p>DL & IT: Chrome books- Inventions Combine a variety of software to accomplish given goals Select use and combine software on a range of digital devices. Eg Using SketchUp to create designs of inventions</p>		<p>Use selection in programs. Work with variables and various forms of input and output. Solve problems by decomposing them into smaller parts.</p> <p>E-Safety: Be discerning in evaluating digital content</p> <p>DL & IT: Chrome books- WW2 Appreciate how search results are ranked. Analyse and evaluate data. Eg. Use research to create an informative blog.</p>		<p>Select, use and combine a variety of software ... to design and create a range of programs, systems and content that accomplish specific goals.</p> <p>E-Safety: Understand the opportunities computer networks offer for collaboration</p> <p>DL & IT: Chrome books- All around the world Understand opportunities for collaboration. Eg. Hang out/email Australian school.</p>	
PSHE	<ul style="list-style-type: none"> Being me in Britain Responsibilities Rewards and consequences 	<ul style="list-style-type: none"> Racism Rumours and name calling Does money matter 	<ul style="list-style-type: none"> When I grow up Investigate jobs and careers Dreams and goals of young people in other cultures 	<ul style="list-style-type: none"> Self and body image Puberty for girls Puberty for boys Conception Looking ahead Looking ahead to year six 	<ul style="list-style-type: none"> Getting on and falling out Girlfriends and boyfriends Relationships and technology 	<ul style="list-style-type: none"> Smoking Body image My relationship with food
Art and Design		Printing Pop Art	Paint/Wax Henry Moore	Digital Media		
Design Technology	Moving Vehicles Electrics/pulleys/gears				Food Healthy Biscuits	Construction Music
Music	Don't Stop Believing Integrating singing and playing into performance	Stop! Music linked to the theme of anti-bullying	Benjamin Britten A tragic story further exploration of the composer	Classroom Jazz Learning about adding to performance using improvisation	Cross curricular music with Richard Rogers	Reflect, Rewind and Replay Revisiting musical elements throughout the year – incorporating Instruments used in DT
RE Place of worship visit: Buddhist Centre	Christianity Is the Christmas story true?	Buddhism Who was the Buddha? Why is he still important today?	Buddhism What is mindfulness? Why is it important and helpful to us today?	Sikhism How do Sikhs show what they believe?	Sikhism Are Sikh stories important today?	

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Community	Visit to Buddhist Centre	Vaisakhi assembly				
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Year 6	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Theme						
Science	Electricity	Animals including humans	Evolutions and inheritance	Living things and their habitats		Light
PE	Invasion games Health related fitness	Net and wall games Gymnastics	Gymnastics	OAA	Baghdad dance Athletics	Striking and fielding Athletics
History	Crime and Punishment	Crime and Punishment Industrial - The Modern Age			Early Islamic Civilisation: Baghdad	Early Islamic Civilisation: Baghdad
Geography			Geographical features, physical characteristics, key topographical features, hills, mountains, rivers of the UK	Describe and understand aspects of human geography including settlements and land use		
Computing	CS, DL & IT: We are app planners Work with variables. Use selection in programs. E-safety: Use technology safely, respectfully and responsibly Chromebooks-	CS, DL & IT: We are project managers Solve problems by decomposing them into smaller parts E-safety: Use technology safely, respectfully and responsibly Chromebooks-	CS, DL & IT: We are market researchers Appreciate how search results are ranked E-safety: Be discerning in evaluating digital content Chromebooks-	CS, DL & IT: We are interface designers Design, write and debug programs. E-safety: Be discerning in evaluating digital content Chromebooks-	CS, DL & IT: We are app developers Use logical reasoning to detect and correct errors in algorithm E-safety: Know a range of ways to report concerns and inappropriate behaviour Chromebooks-	CS, DL & IT: We are marketers Understand computer networks E-safety: Know a range of ways to report concerns and inappropriate behaviour Chromebooks-
PSHE	<ul style="list-style-type: none"> My year ahead 	<ul style="list-style-type: none"> My self image 	<ul style="list-style-type: none"> Understanding 	<ul style="list-style-type: none"> Emergency aid 	<ul style="list-style-type: none"> Love and loss 	<ul style="list-style-type: none"> Personal

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	<ul style="list-style-type: none"> Being a global citizen part 1 Being a global citizen part 2 	<ul style="list-style-type: none"> Puberty Girl talk/boy talk Babies conception to birth Attraction Transition to secondary school 	<ul style="list-style-type: none"> disability Power struggles - Why bully? Celebrating difference 	<ul style="list-style-type: none"> Emotional and mental health Managing stress 	<ul style="list-style-type: none"> Power and control Being safe with technology 	<ul style="list-style-type: none"> learning goals My dream for the world Helping to make a difference
Art and Design	Portraits			Ancient Persia and Baghdad: pattern and design	Costume design	
Design Technology		Food Bread	Creating air powered vehicles			
Music	Cross curricular music with Richard Rogers		Living On a Prayer Looking at the genre of classic rock		Fresh Prince of Bel Air Exploring pulse through old school hip hop	Richard Rogers Crime and punishment
RE Place of worship visit: Gurdwara	Islam How can a Muslim show their love for God?	Islam Does belief in the Akhiah (life after death) help Muslims lead good lives?	Christianity Is Christianity still a strong religion 2000 years after Jesus was on Earth?	Christianity Is anything ever eternal?	Hinduism How do Hindu teachings help them lead good lives?	Hinduism How can Brahman be everywhere and in everything?
Community	Warwick castle	Visit to the Gurdwara				Y6 production

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Resource Base	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Theme						
Science: RB1	Animals including humans	Everyday materials	Seasonal changes	Plants		Consolidation Themed weeks Development of SC1 skills
Science: RB2	Electricity	Light	Animals including humans (SRE inc)	Sound	Living things and their habitats	Consolidation Themed weeks Development of SC1 skills
PE	Multi skill sessions	Gymnastic sessions	Dance sessions	OAA sessions	Health related fitness sessions	Striking and fielding sessions
History		KS1: Gunpowder plot & the great fire of London KS2: Britain – Vikings 1066	KS1: Walt Disney KS2: Ancient Greece	KS1: Discovering America KS2: Early Civilisation - China		
Geography	Skills: school grounds	Economic activity including trade links			Local area: maps, photos and fieldwork	Alpine Biomes and The Himalayas
Computing						
PSHE						
Art and Design		Tapestry	Greek Pottery		Andy Goldsworthy	
Design	Mechanisms			Textiles: silk		Construction: shelters

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Technology						
Music						
RE						
Life Skills	E-safety Personal skills and profiles	Safety: bonfire/ fireworks/cooking YR5/6: Residential 7.11.16	Experiences: theatre/ cinema/ shop	Travel: bus/train YR3/4: residential 7.3.16	Safety: walking/road safety	
Community		Kitchen project				

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	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Assembly		Year 2 Diwali Assembly Y1 carol performance Reception nativity Nursery carol performance		Y4 Anti bullying assembly	Y5 Vaisakhi assembly	Y3 Eid assembly Y6 leavers production
Inspire, Create, Achieve	Inspire week					
Speaking and Listening						
Reading	Roald Dahl Day (13.9.17)					
Writing						
Maths					Maths week	
Science			Science week			
PSHE	International day of peace			Autism awareness week		
SMSC						
P4C						

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RE						
History						History day
Geography						
Art and Design						
Design Technology						
Computing			Safer internet day 6.2.18			
Music						Y4 music concert
Community		Whole school at the Church Christmas Fair				Summer Fair

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