

FOUNDATION SUBJECTS AND SCIENCE TOPIC WEB (2017- 2018)

YEAR : ONE

	SCIENCE (QCA)	COMPUTING	HUMANITIES		ART (QCA)	D.T. (QCA)	R.E (QCA and Barnet)	P.S.H.E/ SEAL	MUSIC (QCA)
TERM 1 (AUTUMN)	Aut 1: Everyday materials	Online Safety 1 then Espresso Coding – Unit 1a	3 wks at start: of Aut 1 Place knowledge: Understand geographical similarities & differences through studying the human and physical geography of Burnt Oak, including of Barnfield & its grounds (Incl. maps/aerial photos/plans/keys & a town in a contrasting non-European country.	Our local area - Significant events, people and places in your locality (Burnt Oak / London)	Autumn 2: Self-Portraits (Unit 1A)	Autumn 1: Moving Pictures (Unit 1A)	Aut 1: What does it mean to belong? (Adapted from QCA – Unit 1A)	Philosophy then Aut 1: New beginnings (SEAL)	Aut 1: On Going Skills Unit 2 Sounds Interesting
	Aut 2: Everyday materials SEASONAL CHANGES	Aut 2: We are Storytellers (Switched on ICT) Skills Assessment - Autumn					Aut 2: Celebrations –Why do Christians give gifts at Christmas? (Adapted from QCA – Unit 1C)	Philosophy then Aut 2: Jigsaw: celebrating differences +1 antibullying week	Aut 2: Continue unit above and extend and revisit songs for Christmas (2/3 weeks)
TERM 2 (SPRING)	Spr 1: Animals – including humans	Online Safety 2 then Spr 1: iPad project	3 wks at start: of Spr 1 Human and physical geography: - Identify seasonal and daily weather patterns in the UK - Use basic vocab for physical features (e.g. beach, forest, hill, mountain, sea, river) and human features (e.g. city, town, farm, house, shop)	Significant people (who in the past have contributed to national and international achievements) Mary Seacole and Florence Nightingale	Spring 2: Linked with objectives from: What is Sculpture? (Unit 1C)	Spring 1: Designing a lantern	Spring 1 – Why is Guru Gobind Singh important to Sikhs?	Philosophy then Spr 1: Jigsaw: Dreams & Goals	Spr 1: On Going Skills Unit 4 Feel the Pulse
	Spr 2: Animals – including humans (continued) SEASONAL CHANGES	Spr 2: Labelling and Classifying (Unit 1d) Skills Assessment - Spring					Spring 2 – Festivals: Hindu - Holi, Christian - Easter	Philosophy then Spr 2: Good to be me (SEAL) Animals & us (QCA unit 3)	Spr 2: Continue unit above and extend and revisit songs for Easter (2/3 weeks)
TERM 3 (SUMMER)	Sum 1: Plants SEASONAL CHANGES	Online Safety 3 then Sum 1: Understanding Instructions (Unit 1f)	3 wks at start: of Sum 1 Locational knowledge: Name, locate and identify characteristics of the four countries and capital cities of the UK (Incl. compass directions)	The seaside Aspects of change in national life.	Summer 2: Investigating Materials (Unit 1B)	Summer 1: Eat more Fruit and Vegetables (Unit 1C)	Sum 1: Beliefs and Practices (Adapted from QCA – Unit 1D)	Philosophy then Sum 1: SRE – (Christopher Winters scheme of work – adapted over 6 lessons)	Sum 1: On Going Skills Unit 3 The Long and Short of it.
	Sum 2: MINI-PROJECT: Animal Habitats	Sum 2: Espresso coding Skills Assessment - Summer					Sum 2: Why is Muhammad important to Muslims? (Adapted from QCA – Unit 5A)	Philosophy then Sum 2: Changes (SEAL) Special people (QCA Unit 1)	Sum 2: Continue unit above and extend and revisit songs for International Evening (2/3 weeks)

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YEAR : TWO

	SCIENCE (QCA)	COMPUTING (QCA)	HUMANITIES		ART (QCA)	D.T. (QCA)	R.E. (Barnet/QCA)	P.S.H.E/ SEAL	MUSIC (QCA)
TERM 1 (AUTUMN)	Aut 1: Everyday materials	Online Safety 1 then Espresso Coding – Year 2 Unit 2a	3 wks at start of Aut 1 Human and physical Geography: - Identify the location of hot and cold area of the world in relation to the Equator and the North & South poles - Use basic vocab for physical features (e.g. cliff, coast, ocean, soil, valley, vegetation) and human features (e.g. village, city, factory, office, port, harbour)	Significant historical events 🚩 Great Fire of London 🚩 Remembrance Day 🚩 First aeroplane flight. (Why events happened and what's the result)	Autumn 2: Mother Nature, designer (Unit 2B)	Autumn 1: Vehicles (Unit 2A)	Aut 1: Why did Jesus tell stories? (Adapted from QCA Unit 2B)	Philosophy then Aut 1: New Beginnings (SEAL)	Aut 1: On Going Skills Taking Off (Unit 5)
	Aut 2: Uses of everyday materials	Aut 2: Floor Turtle (Unit 2d) Probots Skills Assessment			Aut 2: Celebrations (Adapted from QCA Unit 2C)		Philosophy then Aut 2: Jigsaw: celebrating differences +1 antibullying week	Aut 2: Continue unit above and extend and revisit songs for Christmas (2/3 weeks)	
TERM 2 (SPRING)	Spr 1: Animals – including humans	Online Safety 2 then Spr 1 iPad Project	3 wks at start of Spr 1 Place knowledge: Understand geographical similarities & differences through studying the human and physical geography of Burnt Oak, including of Barnfield & its grounds (Incl. maps/aerial photos/plans/keys & a town in a contrasting non-European country, recognising landmarks and basic human & physical features, and drawing maps with keys	Significant people 🚩 Who have contributed to national/international achievement 🚩 Eg Christopher Columbus and Neil Armstrong 🚩 Pieter Bruegel the Elder and LS Lowry Or Rosa Parks and Emily Davison	Spring 1: Linked with objectives from: Picture This (Unit 2A)	Spring 2: Linked with objectives from: Puppets (Unit 2B)	Spr 1: What is the Torah and Why is it Important to Jewish People (Adapted from QCA Unit 2A)	Philosophy then Spr 1: Jigsaw: Dreams & Goals	Spr 1: On Going Skills What's the Score? (Unit 6)
	Spr 2: Animals – including humans (continued)	Spr 2: Writing Stories (Unit 2a) Skills Assessment			Spr 2: Visiting a Place of Worship (Adapted from QCA Unit 2D)		Philosophy then Spr 2: Good to be me (SEAL) Drugs & Medicines (Cambridge)	Spr 2: Continue unit above and extend and revisit songs for Easter (2/3 weeks)	
TERM 3 (SUMMER)	Summer 1 Plants	Online Safety 3 then Sum 1: We are astronauts (switched on ICT)	3 wks at start of Sum 1 Locational knowledge: - Name, locate and identify characteristics of the four countries and capital cities of the UK & its surrounding seas (Incl. compass directions) - Name and locate the world's 7 continents and 5 oceans (using atlases and globes)	Contrasting locality overseas Tocuaro	Summer 1: Can Buildings Speak? (Unit 2C)	Summer 2: Winding Up (Unit 2C)	Sum 1: Who am I? (Adapted from Barnet – Unit 7)	Philosophy then Sum 1: SRE – (Christopher Winters scheme of work – adapted over 6 lessons)	Sum 1: On Going Skills – Rain, rain go away. (Unit 7)
	Summer 2 MINI-PROJECT	Sum 2: We are researchers (Switched on computing) Skills Assessment -			Sum 2: How and why do Hindus worship at home and in the Mandir? (Adapted from QCA Unit 4A)		Philosophy then Sum 2: Changes (SEAL) Growing & changing (Cambridge)	Sum 2: Continue unit above and extend and revisit songs for International Evening (2/3 weeks)	


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YEAR : THREE

	SCIENCE (QCA)	COMPUTING (QCA)	HUMANITIES	ART (QCA)	D.T. (QCA)	R.E. (Barnet/QCA)	P.S.H.E/ SEAL	MUSIC (QCA)
TERM 1 (AUTUMN)	Aut 1: Forces and Magnets	Online Safety 1 then Espresso Coding (Year 3 Unit 3a)	<p>3 wks at start of Aut 1 Locational knowledge: name and locate countries and cities of the UK, geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers), and land-use patterns; and understand how some of these aspects have changed over time</p> <p>Stone Age/ Iron Age. This could include: <ul style="list-style-type: none"> ✚ Late Neolithic hunter-gatherers and early farmers eg Skara Bar Bronze Age religion. Technology and travel, eg Stonehenge ✚ Iron Age forts: tribal kingdoms, farming and culture. </p>	Autumn 2: Portraying Relationships (Unit 3A)	Autumn 1: Photo Frames (Unit 3D)	Aut 1: What do signs and symbols mean in religion? (Adapted from QCA Unit 3A)	Philosophy then Aut 1: New Beginnings (SEAL)	Aut 1: On Going Skills Animal Magic (Unit 9)
	Aut 2: Forces and Magnets	Aut 2: We are animators! (Switched on ICT) Skills Assessment - Autumn						
TERM 2 (SPRING)	Spr 1: Light	Online Safety 2 then Spr 1: iPad Project	<p>3 wks at start of Spring 1 human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water</p> <p>Mayan Culture c. AD900 / S. America (link to chocolate topic)A non European study that provides contrasts with British history.</p>	Spring 2: Linked with objectives from: Can we change places? (Unit 3C) Plant fruit and veg for picnic including strawberries, tomatoes, lettuce,	Spring 1: Monsters (Unit 3C)	Spr 1 & 2: Sikhism: Why is Guru Nanak important to Sikhs?	Philosophy then Spr 1: Jigsaw: Dreams & Goals	Spr 1: On Going Skills Play it Again (Unit 10)
	Spr 2: Rocks	Spr 2: Email (Unit 3e) Skills Assessment - Spring						
TERM 3 (SUMMER)	Sum 1: Animals – including humans	Online Safety 3 Sum1: We are Network Engineers! (Switched on ICT)	<p>3 wks at start of Summer 1 Geographical skills and fieldwork <ul style="list-style-type: none"> ▪ use maps, atlases globes and digital/computer mapping to locate countries and describe features studied </p> <p>Romans. <ul style="list-style-type: none"> ✚ Julius Caesar's attempted invasion in 55-54 BC ✚ The Roman Empire by AD 42 and the power of it's army. ✚ Successful invasion by Claudius and conquest, including Hadrian's waBritish resistance, eg Boudica ✚ Romanisation of Britain: sites such as Caerwent and the impact of technology, culture and beliefs inc Christianity. </p>	Summer 2: Investigating Patterns (Unit 3B)	Summer 1: Linked with objectives from: Sandwiches (Unit 3B)	Sum 1: What is faith and what difference does it make? (Adapted from QCA Unit 3E)	Philosophy then Sum 1: SRE – (Christopher Winters scheme of work – adapted over 6 lessons)	Sum 1: On Going Skills The Class Orchestra (Unit 11)
	Sum 2: Plants	Sum 2: We are film producers! (Switched on ICT – adapted from Y3 Summer 2016) Skills Assessment - Summer						

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YEAR: FOUR

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TERM 1 (AUTUMN)	Aut 1: Electricity	Online Safety 1 then Espresso Coding (Year4 Unit 4a)	<u>3 wks at start of Autumn 1</u> Locational knowledge <ul style="list-style-type: none"> locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities 	Local history of London.  (Roman times/modern day and all in between)A study over time tracing how several aspects of national history are reflected in localities (this can go beyond 1066)	Aut 1: Viewpoints (Unit 4A)	Aut 2: Lighting it up (Unit 4E)	Aut 1: What religions are represented in our neighbourhood? (Adapted from QCA Unit 4D)	Philosophy then Aut 1: New Beginnings (SEAL)	Aut 1: On Going Skills Painting with Sound (Unit 13)
	Aut 2: States of Matter	Aut 2: We are Travel Presenters! (Switched on ICT) Skills Assessment - Autumn			Aut 2: Celebrations – Christmas Journeys (Adapted from QCA Unit 4B)		Aut 2: Philosophy then Aut 2: Jigsaw: celebrating differences +1 antibullying week	Aut 2: Continue unit above and extend and revisit songs for Christmas (2/3 weeks)	
TERM 2 (SPRING)	Spr 1: Sound	Online Safety 2 Spr 1: We are Cryptographers (Switched on Computing)	<u>3 wks at start of Spring 1</u> Place knowledge <ul style="list-style-type: none"> understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, 	WW2/ Battle of Britain.	Spr 1: Linked with objectives from: Take a Seat (Unit 4B)	Spr 2: Linked with objectives from: Containers Making a toy based on our school garden	Spr 1: How and why do Hindus celebrate Divali? (Adapted from QCA Unit 3B)	Philosophy then Spr 1: Jigsaw: Dreams & Goals	Spr 1: On Going Skills Dragon Scales (Unit 12)
	Spr 2: Animals – including humans	Spr 2 : Espresso Coding (Unit 4b) Skills Assessment - Spring			Spr 2: Why is Easter Important to Christians? (Adapted from QCA Unit 4C)		Philosophy then Spr 2: Good to be me (SEAL)	Spr 2: Continue unit above and extend and revisit songs for Easter (2/3 weeks)	
TERM 3 (SUMMER)	Sum 1: Living things and their habitats	Online Safety 3 then Sum 1: Game Design (Scratch)	<u>3 wks at start of Summer 1</u> Geographical skills and fieldwork use the eight points of a compass, four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world	The achievements of earliest civilisations - Ancient Egypt An overview of when and where the first civilisations appeared and a depth study of one.	Sum 1: Journeys (Unit 4C)	Sum 2: Story Books (Unit 4B)	Sum 1: Why are some places and buildings considered special? (Adapted from Barnet – Unit 14)	Philosophy then Sum 1: <i>SRE – (Christopher Winters scheme of work – adapted over 6 lessons)</i>	Sum 1: On Going Skills Salt, Pepper, Vinegar, Mustard (Unit 14)
	Sum 2: Living things and their habitats PROJECT: Marine Life	Sum 2: iPad Project Skills Assessment - Summer			Sum 2: How do Muslims express their beliefs through practices? (Adapted from		Philosophy then Sum 2: 3 x Changes (SEAL) "Growing & Changing" and 3 x Drugs & Medicines (Cambridge)	Sum 2: Continue unit above and extend and revisit songs for International Evening (2/3 weeks)	


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YEAR: FIVE

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TERM 1 (AUTUMN)	Aut 1: Forces	Online Safety 1 then Espresso Coding (Year 5 Unit 5a)	<u>3 wks at start of Autumn 1</u> Locational knowledge identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night)	Viking Raids and Invasions and Anglo-Saxons. (British Ancestry) This could include: <ul style="list-style-type: none"> ✚ Viking raids and invasion ✚ Resistance by Alfred the Great and Athelstan, first King of England ✚ Further Viking invasions and DanegeldAnglo-Saxon laws and justice ✚ Edward the Confessor and his death in 1066 		Aut 1: A Moving Toy (QCA Unit 5C)	Aut 1: How do Jewish people express their beliefs in practice? (Adapted from QCA Unit 1E)	Philosophy then Aut 1: New Beginnings (SEAL)	Aut 1: On Going Skills Journey into Space (Unit 18)
	Aut 2: Properties and changes of materials	Aut 2: Using Complex Searches (Unit 5b) Skills Assessment - Autumn			Aut 2: Talking Textiles (Unit 5C)		Aut 2: Are there any values we all share? (Adapted from Barnet Unit 22)	Philosophy then Aut 2: Jigsaw: celebrating differences +1 antibullying week	Aut 2: Continue unit above and extend and revisit songs for Christmas (2/3 weeks)
TERM 2 (SPRING)	Spr 1: Earth & Space	Online Safety 2 Spr 1: We are sound engineers! (Switched on ICT)	<u>3 wks at start of Spring 1</u> Place knowledge <ul style="list-style-type: none"> ▪ understand geographical similarities and differences through the study of human and physical geography of a European country 	Early Islamic Culture. <ul style="list-style-type: none"> ✚ This could include:Arabia/ Asia/ Mohamed ✚ Why are some parts of the world Islamic eg. Some countries in Africa 		Spr 1: Linked with objectives from: Bread and Biscuits (Unit 5B/D)	Spr 1: Where did the Christian Bible come from? (Adapted from QCA Unit 5C)	Philosophy then Spr 1: Jigsaw: Dreams & Goals	Spr 1: On Going Skills Cyclic Patterns (Unit 16)
	Spr 2: Earth & Space	Spr 2: Spreadsheets (Unit 5d) Skills Assessment - Spring			Spr 2: Linked with objectives from: Containers (Unit 5B)		Spr 2: How do the beliefs of Christians influence their actions? (Adapted from QCA Unit 5D)	Philosophy then Spr 2: Good to be me (SEAL) Children's/Human Rights (QCA)	Spr 2: Continue unit above and extend and revisit songs for Easter (2/3 weeks)
TERM 3 (SUMMER)	Sum 1: Living things and their habitats	Online Safety 3 then Sum 1: Zebra Crossing	<u>3 wks at start of Summer 1</u> Geographical skills and fieldwork use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies.	Comparison of VComputingorian times and Tudor times. This could include: <ul style="list-style-type: none"> ✚ The life and times People ✚ Parliament vs Monarchy. 		Sum 1: Musical Instruments (Unit 5A)	Sum 1: Why are sacred texts important? - Generic (Adapted from QCA Unit 6C)	Philosophy then Sum 1: Keeping Safe	Sum 1: On Going Skills Roundabouts (Unit 17)
	Sum 2: Animals including humans	Sum 2: We Are Architects! (Switched on Computing) Skills Assessment - Summer			Sum 2: Objects and Meanings (Unit 5A)		Sum 2: Who was Buddha and what did he teach?	Philosophy then Sum 2: SRE – (Christopher Winters scheme of work – adapted over 3, 3 hour lessons) Changes (SEAL/	

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YEAR : SIX

	SCIENCE (QCA)	COMPUTING (QCA)	HUMANITIES		ART (QCA)	D.T. (QCA)	R.E. (Barnet/QCA)	P.S.H.E/ SEAL	MUSIC (QCA)
TERM 1 (AUTUMN)	Aut 1 Light	Online Safety 1 then Espresso Coding (Year 6 Unit 6a)	3 wks at start of Autumn 1 Human and physical geography describe and understand key aspects of: <ul style="list-style-type: none">physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle	The achievements of earliest civilisations – Ancient Greece  An overview of when and where the first civilisations appeared and a depth study of one.	Aut 1: People in Action (Unit 6A)	Aut 2: Shelters (Unit 6A)	Aut 1: Worship and Community (Adapted from QCA Unit 6A)	Philosophy then Aut 1: New Beginnings (SEAL)	Aut 1 On Going Skills Songwriter (Unit 19)
	Aut 2: Electricity	Aut 2: Espresso HTML Coding for web design Skills Assessment - Autumn					Aut 2: Why are some buildings considered to be special? (Adapted from Barnet – Unit 23)	(No Philosophy) Aut 2: Jigsaw: celebrating differences & SRE – (Christopher Winters scheme of work – adapted over 3 lessons)	Aut 2: Continue unit above and extend and revisit songs for Christmas (2/3 weeks)
TERM 2 (SPRING)	Spr 1: Living things and their habitats	Online Safety 2 We are Web Developers (Switched on Computing)	3 wks at start of Spring 1 Place knowledge <ul style="list-style-type: none">understand geographical similarities and differences through the study of human and physical geography of a region within North or South America	The Shang Dynasty of Ancient China. An overview of when and where the first civilisations appeared and a depth study of one.	Spr 1: Linked with objectives from: A sense of Place (Unit 6C)	Spr 2: Term Linked with objectives from: Slippers (Unit 6B)	Spr 1: What is the role of the Mosque? (Adapted from QCA – Unit 6B)	Philosophy then Spr 1: Jigsaw: Dreams & Goals	Spr 1: On Going Skills 'Who Knows?' (Unit 21)
	Spr 2: Animals – including humans	Spr 2: Pelican Crossing Skills Assessment - Spring					Spr 2: What makes a time special? (Adapted from Barnet – Unit 24)	Philosophy then Spr 2: Good to be me (SEAL)	Spr 2: Continue unit above and extend and revisit songs for Easter (2/3 weeks)
TERM 3 (SUMMER)	Sum 1: Evolution and Inheritance	Online Safety 3 then Sum 1 & 2: * 8 weeks Game Design followed by * 4 weeks Typing programme Skills Assessment - Summer	Aspect/theme in British history (eg. Crime and Punishment throughout English history)		Sum 1 & 2: What a Performance (Unit 6B)		Sum 1: What does it mean to be a Sikh?	Sum1: Philosophy (recorded lessons)	Sum 1: On Going Skills Music Hall (Unit 20)
	Sum 2: Inventions						Sum 2: How do people express their faith through the arts? (Adapted from QCA – Unit 6F)	Philosophy then Sum 2: Changes (SEAL)	Sum 2: Continue unit above and extend and revisit songs for International Evening (2/3 weeks)