FOUNDATION SUBJECTS AND SCIENCE TOPIC WEB (2019-20)

YEAR : ONE

	SCIENCE (QCA)	COMPUTING	HUMANITIES		ART (QCA)	D.T. (QCA)	R.E (QCA and Barnet)	P.S.H.E/ SEAL	M USIC (QCA)
TERM 1 (AUTUMN)	Aut 1: Everyday materials and Seasonal Changes	**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.(Nairobi)	**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 and Seasonal Changes	Aut 2: We are Storytellers *(Switched on ICT)*					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: Humans and Animals	**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?* *Spring 2 – Festivals: Hindu - Holi, Christian - Easter*	**Philosophy** then Spr 1: Jigsaw: Dreams & Goals	Spr 1:On Going Skills *Unit 4* Feel the Pulse – Notation unit using Glockenspiel
	Spr 2: Humans and Animals and Seasonal Changes	Spr 2: Labelling and Classifying *(Unit 1d)*						**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 and 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: Changes *(SEAL)* Special people *(QCA Unit 1)*	Sum 1: On Going Skills *Unit 3* The Long and Short of it.
	Sum 2: Animals in their Habitats	Sum 2: Espresso coding					Sum 2: Why is Muhammad important to Muslims? *(Adapted from QCA – Unit 5A)*	**Philosophy** then Sum 2: *RSE – (CWP scheme of work – adapted over 6 lessons)*	Sum 2: Continue unit above and extend and revisit songs for International Evening (2/3 weeks)

FOUNDATION SUBJECTS AND SCIENCE TOPIC WEB (2019-20)

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: Uses of 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*					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: Animal and Human Survival	**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 Charles Darwin & Sir David Attenborough Neil Armstrong & Tim Peake	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: Living things and their habitats	Spr 2: Writing Stories (Unit 2a)					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 Life Cycles	**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: Changes (SEAL) Growing & changing *(Cambridge)*	Sum 1: On Going Skills – Rain, rain go away. *(Unit 7)* Notation unit using Glockenspiel
	Summer 2 Spaces MINI-PROJECT	Sum 2: We are researchers (Switched on computing) -					Sum 2: How and why do Hindus worship at home and in the Mandir? *(Adapted from QCA Unit 4A)*	**Philosophy** then Sum 2: *RSE – (CWP scheme of work – adapted over 6 lessons)*	Sum 2: Continue unit above and extend and revisit songs for International Evening (2/3 weeks)

FOUNDATION SUBJECTS AND SCIENCE TOPIC WEB (2019-20)

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)	**3 wks at start of Aut 1** **Locational knowledge:** name and locate counties 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	**Stone Age/ Iron Age**. This could include: 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.	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: Rocks	Aut 2: We are animators! *(Switched on ICT)*					Aut 2: What is the Bible and why is it important? *(Adapted from QCA Unit 3D)*	**Philosophy add to the end** 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: Animal and humans including nutrition and body parts (human)	**Online Safety 2** then Spr 1: iPad Project	**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	**Mayan Culture c. AD900 / S. America** (link to chocolate topic)A non European study that provides contrasts with British history.	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 Notation unit using Glockenspiel/Xylophonel *(Unit 10)*
	Spr 2: Light	Spr 2: Email *(Unit 3e)*						**Philosophy** then Spr 2: Good to be me *(SEAL)* Developing our school grounds *(QCA)*	Spr 2: Continue unit above and extend and revisit songs for Easter (2/3 weeks)
TERM 3 (SUMMER)	Sum 1: Helping Plants Grow Well	**Online Safety 3** Sum1: We are Network Engineers! *(Switched on ICT)* Sum 2: We are film producers! *(Switched on ICT – adapted from Y3 Summer 2016)*	3 wks at start of Summer 1 **Geographical skills and fieldwork** use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied	**Romans.** -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 Clauduis 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.	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: Changes *(SEAL)*	Sum 1: On Going Skills The Class Orchestra *(Unit 11)*
	Sum 2: Plants as Food						Sum 2: What is the Qu'ran and why is it important to Muslims? *(Adapted from QCA Unit 6D)*	**Philosophy** then Sum 2: *RSE – (CWP scheme of work – adapted over 6 lessons)*	Sum 2: Continue unit above and extend and revisit songs for International Evening (2/3 weeks)

FOUNDATION SUBJECTS AND SCIENCE TOPIC WEB (2019-20)

YEAR: FOUR

	SCIENCE (QCA)	COMPUTING (QCA)	HUMANITIES	ART (QCA)	D.T. (QCA)	R.E. (Barnet)	P.S.H.E/ SEAL	MUSIC (QCA)

TERM 1 (AUTUMN)	Aut 1: Electricity	**Online Safety 1** then Espresso Coding (Year4 Unit 4a)	3 wks at start of Autumn 1 **Locational knowledge** 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)					Aut 2: Celebrations – Christmas Journeys *(Adapted from QCA Unit 4B)*	**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)	3 wks at start of Spring 1 **Place knowledge** 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 Notation unit using Glockenspiel *(Unit 12)*
	Spr 2: Human and Animal Digestion	Spr 2 : Espresso Coding (Unit 4b)					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: Grouping and classifying Living things and their habitats	**Online Safety 3** then Sum 1: Game Design *(Scratch)*	3 wks at start of Summer 1 **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: 3 x Changes *(SEAL)* "Growing & Changing" and 3 x Drugs & Medicines *(Cambridge)*	Sum 1: On Going Skills Salt, Pepper, Vinegar, Mustard *(Unit 14)*
	Sum 2: Marine Life-Living things and their habitats PROJECT: Marine Life	Sum 2: iPad Project					Sum 2: How do Muslims express their beliefs through practices? *(Adapted from QCA Unit 5B)*	**Philosophy** then Sum 2: *RSE –* *(CWP scheme of work – adapted over 6 lessons)*	Sum 2: Continue unit above and extend and revisit songs for International Evening (2/3 weeks)

FOUNDATION SUBJECTS AND SCIENCE TOPIC WEB (2019-20)

YEAR: FIVE

	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	**Online Safety 1** then Espresso Coding (Year 5 Unit 5a)	3 wks at start of Autumn 1 **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: • 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 2: Talking Textiles *(Unit 5C)*	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)					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)	3 wks at start of Spring 1 **Place knowledge** understand geographical similarities and differences through the study of human and physical geography of a European country	**Early Islamic Culture.** • This could include:Arabia/ Asia/ Mohamed • Why are some parts of the world Islamic eg. Some countries in Africa	Spr 2: Linked with objectives from: Containers *(Unit 5B)*	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)* Notation unit using Xylophone or Ukulele
	Spr 2: Earth & Space	Spr 2: Spreadsheets (Unit 5d)					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: Life Processes of Living Things	**Online Safety 3** then Sum 1: Zebra Crossing	3 wks at start of Summer 1 **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 Victorian times and Tudor times.** This could include: • The life and times People • Parliament vs Monarchy.	Sum 2: Objects and Meanings *(Unit 5A)*	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 and Humans Life Cycles	Sum 2: We Are Architects! *(Switched on Computing)*					Sum 2: Who was Buddha and what did he teach?	**Philosophy** then Sum 2: *RSE –* *(CWP scheme of work – adapted over 3, 3 hour lessons)* Changes *(SEAL)*/ Mediator training	

FOUNDATION SUBJECTS AND SCIENCE TOPIC WEB (2019-20

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 and how we see Aut 2: Electricity and Circuits	**Online Safety 1** then Espresso Coding (Year 6 Unit 6a) Aut 2: Espresso HTML Coding for web design	3 wks at start of Autumn 1 **Human and physical geography** describe and understand key aspects of: 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)* Aut 2: What is the role of the Mosque? *(Adapted from QCA – Unit 6B)*	**Philosophy** then Aut 1: New Beginnings *(SEAL)* **(No Philosophy)** Aut 2: *Jigsaw: celebrating differences & RSE –* *(Christopher Winters scheme of work – adapted over 3 lessons)*	Aut 1 On Going Skills Songwriter *(Unit 19)* Aut 2: Notation unit using Ukulele Continue unit above and extend and revisit songs for Christmas (2/3 weeks)
TERM 2 (SPRING)	Spr 1: Living things and their habitats focusing on specific characteristics Spr 2: The Human Body	**Online Safety 2** We are Web Developers (Switched on Computing) Spr 2: Pelican Crossing	3 wks at start of Spring 1 **Place knowledge** 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: Why are some buildings considered to be special? (Adapted from Barnet – Unit 23) Spr 2: What makes a time special? *(Adapted from Barnet – Unit 24)*	**Philosophy** then Spr 1: Jigsaw: Dreams & Goals **Philosophy** then Spr 2: Good to be me *(SEAL)*	Spr 1: On Going Skills 'Who Knows?' *(Unit 21)* Spr 2: Continue unit above and extend and revisit songs for Easter (2/3 weeks)
TERM 3 (SUMMER)	Sum 1: Evolution and Inheritance Sum 2: Inventions	**Online Safety 3** then Sum 1 & 2: ** 8 weeks Game Design* ***followed by*** ** 4 weeks Typing programme*	**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? Sum 2: How do people express their faith through the arts? *(Adapted from QCA – Unit 6F)*	**Sum1:** Philosophy (then Changes (SEAL) **Philosophy** then Sum 2: Changes *(Jigsaw)*	Sum 1: On Going Skills Music Hall *(Unit 20)* Sum 2: Continue unit above and extend and revisit songs for International Evening (2/3 weeks)