

ACE Curriculum Concepts



Concepts by subject

Art	Computing	Design and technology	Geography	History	MFL
 Inspiration & 	• Logic	Design	Place	Chronology	 Speaking and listening
Significance	 Algorithms 	• Evaluate	Environment	 Continuity and change 	 Reading
 Medium of Art 	 Programme 	 Functionality 	 Adaptation 	 Similarity and 	• Writing
 Technique & Skill 	• Data	Components	Climate	Difference	• Culture.
 Evaluation & Reflection 	 Machines 	 Innovation 	Weather	Significance	
	Function	Product	• Crop	Cause and Consequence	
		Research	• Trade		
		Safety	Human features		
		Construction	Settlement		
			 Physical features 		
			Cause and effect		
			Diversity		
			Population		

Music	Physical Education	PSHE	Religious Education	Science
Dynamics	• Health	Rules	• Faith	Cause and effect
• Pitch	• Fitness	 Responsibility 	• Belief	Change
• Tempo	 Acquisition 	Tolerance	 Celebration 	Growth
• Texture	 Selecting 	Consequence	Opinion	 Similarities and
• Timbre	Applying	Diversity	Symbolism	difference
Silence	Improving	Conflict	Worship	Variation
• Rhythm	 Evaluating 	 Empathy 	Commitment	Process
 Duration 		Ambition	Relationship	 Reproduction
 Composition 		• Hope	Empathy	 Adaptation
Harmony		Resilience	Consequences	• Energy
• Melody		 Safety 	 Motivation 	 Working scientifically
 Performance 		 Wellbeing 		
 Notation 		Change		
		Confidence		
		Community		
		Democracy		
		 Motivation 		

<u>Art</u>

List of all	Inspiration & Significance (e.g. Exploring effects, styles, historical/geographical context), Medium of Art (e.g. painting, sculpture, printmaking),
concepts over	Technique & Skill (e.g. pattern, texture, tone, space, line, form, shape), Evaluation & Reflection (process, refine, improving)
KS2	

Year group	Units of work	Concepts for unit
Year 3	Portraits in the style of Archimboldo	Inspiration & Significance, Medium of Art (e.g. painting, sculpture, printmaking),
		Technique & Skill, Evaluation & Reflection,
	Roman Mosaics	Inspiration & Significance, Medium of Art (e.g. painting, sculpture, printmaking),
		Technique & Skill, Evaluation & Reflection,
	Needlework	Inspiration & Significance, Medium of Art (e.g. painting, sculpture, printmaking),
		Technique & Skill, Evaluation & Reflection,
	Painting – Artist study: Escher	Inspiration & Significance, Medium of Art (e.g. painting, sculpture, printmaking),
		Technique & Skill, Evaluation & Reflection,
Year 4	Portraits in the style of Lichtenstein – Artist study	Inspiration & Significance, Medium of Art (e.g. painting, sculpture, printmaking),
	(Pointilism)	Technique & Skill, Evaluation & Reflection,
	Sculpture (The Fairies at Trentham – Robin Wright)	Inspiration & Significance, Medium of Art (e.g. painting, sculpture, printmaking),
		Technique & Skill, Evaluation & Reflection,
	Seascapes – Coldwater Paste (link to Viking Sea invasions)	Inspiration & Significance, Medium of Art (e.g. painting, sculpture, printmaking),
		Technique & Skill, Evaluation & Reflection,
Year 5	Portraits in the style of Egyptian Death Masks	Inspiration & Significance, Medium of Art (e.g. painting, sculpture, printmaking),
		Technique & Skill, Evaluation & Reflection,
	Perspective – Monet artist study	Inspiration & Significance, Medium of Art (e.g. painting, sculpture, printmaking),
		Technique & Skill, Evaluation & Reflection,
	Islamic art (mosaic and collage)	Inspiration & Significance, Medium of Art (e.g. painting, sculpture, printmaking),
		Technique & Skill, Evaluation & Reflection,
Year 6	Portraits in the style of Chuck Norris	Inspiration & Significance, Medium of Art (e.g. painting, sculpture, printmaking),
		Technique & Skill, Evaluation & Reflection,
	Perspective drawings – The Titanic	Inspiration & Significance, Medium of Art (e.g. painting, sculpture, printmaking),
		Technique & Skill, Evaluation & Reflection,
	Painting techniques – Artists Van Gogh and Hockney	Inspiration & Significance, Medium of Art (e.g. painting, sculpture, printmaking),
		Technique & Skill, Evaluation & Reflection,

List of all concepts over KS2	Logic, algorithms, programme, data, machines, function		
Year group	Units of work	Concepts for unit	
Year 3	We are programmers	Logic, algorithms, programme, data, machines, function	
	We are bug fixers	Logic, algorithms, programme, data, machines, function	
	We are presenters	Logic, algorithms, programme, data, machines, function	
	We are network engineers	Logic, algorithms, programme, data, machines, function	
	We are communicators	Logic, algorithms, programme, data, machines, function	
	We are opinion pollsters	Logic, algorithms, programme, data, machines, function	
Year 4	We are software developers	Logic, algorithms, programme, data, machines, function	
	We are toy designers	Logic, algorithms, programme, data, machines, function	
	We are musicians	Logic, algorithms, programme, data, machines, function	
	We are html editors	Logic, algorithms, programme, data, machines, function	
	We are co-authors	Logic, algorithms, programme, data, machines, function	
	We are meteorologists	Logic, algorithms, programme, data, machines, function	
Year 5	We are game developers	Logic, algorithms, programme, data, machines, function	
	We are cryptographers	Logic, algorithms, programme, data, machines, function	
	We are artists	Logic, algorithms, programme, data, machines, function	
	We are web developers	Logic, algorithms, programme, data, machines, function	
	We are bloggers	Logic, algorithms, programme, data, machines, function	
	We are architects	Logic, algorithms, programme, data, machines, function	
Year 6	We are mobile app developers	Logic, algorithms, programme, data, machines, function	
	We are project managers	Logic, algorithms, programme, data, machines, function	
	We are marketeers	Logic, algorithms, programme, data, machines, function	
	We are app planners	Logic, algorithms, programme, data, machines, function	
	We are interface designers	Logic, algorithms, programme, data, machines, function	
	We are market researchers	Logic, algorithms, programme, data, machines, function	

Design and technology

List of all concepts over KS2

Design, evaluate, functionality, components, innovation, product, research, safety, construction

Year group	Units of work	Concepts for unit
Year 3	Pop up Christmas Cards- Links and levers	Design, evaluate, functionality, components, innovation, product, research, safety, construction
	Mechanical Systems- pneumatic toys	Design, evaluate, functionality, components, innovation, product, research, safety, construction
	Food technology - sandwiches	Design, evaluate, functionality, components, innovation, product, research, safety, construction
	2D & 3D Shapes - Textiles	Design, evaluate, functionality, components, innovation, product, research, safety, construction
Year 4	Christmas ornaments - Textiles	Design, evaluate, functionality, components, innovation, product, research, safety, construction
	Super structures -Shell structures	Design, evaluate, functionality, component, safety s, innovation, product, research,
		construction
	Food technology – pizza	Design, evaluate, functionality, components, innovation, product, research, safety, construction
	STEM – Cars (Young Engineers, electrical circuits)	Design, evaluate, functionality, components, innovation, product, research, safety, construction
Year 5	Moving cards- Levers and linkages.	Design, evaluate, functionality, components, innovation, product, research, safety, construction
	Pulleys/gears (mechanical Systems)	Design, evaluate, functionality, components, innovation, product, research, safety, construction
	Food technology- Celebrating culture and seasonality.	Design, evaluate, functionality, components, innovation, product, research, safety, construction
	Frame structures –Structures.	Design, evaluate, functionality, components, innovation, product, research, safety, construction
Year 6	Christmas gift boxes/3D structures.	Design, evaluate, functionality, components, innovation, product, research, safety, construction
	Electrical systems- Complex circuits and switches.	Design, evaluate, functionality, components, innovation, product, research, safety, construction
	Food Technology – ration menu.	Design, evaluate, functionality, components, innovation, product, research, safety, construction
	Textiles- Combining different fabric shapes.	Design, evaluate, functionality, components, innovation, product, research, safety, construction

List of all concepts over KS2	Place, environment, adaptation, climate, weather, crop, trade, human features, settlement, physical features, cause and effect, diversity, population			
Year group	Units of work	Concepts for unit		
Year 3	Local area-Chaddesden	Place (position/direction/location)		
	Extreme environments	Place, Environment, Adaptation, Climate, Weather		
	Farm to fork – Where does our food come from?	Place, Weather, Climate, Crop, Trade		
Year 4	China	Place, Environment, Human features, Settlement		
	Mountains, Volcanoes and Earthquakes	Place, Physical features, Cause and effect		
	Weather and climate change	Place, Climate, Weather, Cause and effect		
Year 5	France	Place , Physical features, Human features, Diversity		
	Frozen Planet	Place, Settlement, Cause and effect (climate change and sustainability)		
	Rivers, seas and oceans	Place, Environment, Trade, Settlement, Population		
Year 6	Rainforest	Place, Diversity, Environment, Adaptation, Physical features		
	Shakleton	Place, Environment, Climate		
	American road trip	Place, Settlement (population), Climate, Cause and effect, Human features		

<u>History</u>

List of all	Chronology, Continuity and change, Similarity and Difference, Significance, Cause and Consequence.
concepts over	
KS2	

Year group	Units of work	Concepts for unit	
Year 3	Stone age	1. Chronology	
		2. Continuity and change, similarity and difference.	
		3. Cause and consequence	
		4. Significance	
		5. Similarity and difference, significance.	
	A local history study - Railways	1. Chronology	
		2. Significance	
		3. Significance, cause and consequence.	
		4. Cause and consequence	
		5. Continuity and change	
		6. Similarities and difference	
	Romans	1. Chronology	
		2. Significance	
		3. Cause and consequence	
		4. Similarity and difference	
		5. Cause and consequence	
		6. Significance	
		7. Cause and consequence, continuity and change.	
Year 4	Anglo-Saxons	1. Chronology	
		2. Chronology, significance	
		3. Casuse and consequence	
		4. Significance.	
		5. Significance	
		6. Similarity and difference, continuity and change.	
	Vikings	1. Chronology, significance	
		2. Cause and consequence	
		3. Cause and consequence	
		4. Significance.	
		5. Continuity and change.	
	Greeks	1. Chronology	
		2. Significance	
		3. Significance, cause and consequence.	
		4. Similarity and difference, continuity and change	
		5. Significance, cause and consequence.	
		6. Significance, similarity and difference, continuity and change.	

		7. Significance.
Year 5	Ancient Egyptians	1. Chronology
	Functive Egyptions	2. Significance, cause and consequence.
		3. Significance
		4. Similarity and difference
		5. Cause and consequence, continuity and change, significance
		6. Significance
		7. Cause and consequence
		8. Chronology, continuity and change.
	Victorians – a local area study	1. Chronology
		2. Significance, chronology
		 Similarity and difference, continuity and change.
		 Similarity and difference, continuity and change. Similarity and difference, continuity and change.
		5. Similarity and difference.
		6. Significance
		7. Cause and consequence, significance
		8. Significance.
	Early Islamic Civilization	1. Chronology
		2. Significance, Similarity & Difference
		3. Cause & Consequence
		4. Significance
		5. Similarity & Difference
		6. Significance, Continuity & Change
		7. Significance, Similarity & Difference
Year 6	Changes in history - inventions	1. Significance
		2. Cause and consequence
		3. Chronology
		4. Cause and consequence
		5. Similarity and difference, cause and consequence, continuity and change.
		6. Significance
	Significant historical event	1. Chronology
		2. Cause and consequence
		3. Chronology
		4. Significance, cause and consequence.
		5. Continuity and change, similarity and difference.
	WWII	1. Chronology
		2. Significance
		3. Cause and consequence, continuity and change
		4. Similarity and difference
		5. Significance
		6. Similarity and difference, continuity and change, cause and consequence.

List of all concepts over KS2	Speaking and listening, reading, writing, culture		
Year group	Units of work	Concepts for unit	
Year 3	Getting to know you	Speaking and listening	
	All about me	Speaking and listening, reading	
	Food glorious food	Speaking and listening, reading	
	Family and friends	Speaking and listening, reading, writing	
	Our school	Speaking and listening, reading, writing	
	Time	Speaking and listening, reading	
Year 4	All around town	Culture, speaking and listening, reading, writing	
	On the move	Speaking and listening, reading, writing	
	Gone shopping	Speaking and listening, reading, writing	
	Where in the world	Culture, speaking and listening, reading, writing	
	What's the time?	Speaking and listening, reading, writing	
	Holidays and hobbies	Speaking and listening, reading, writing	
Year 5	How are you?	Speaking and listening, reading, writing	
	This is France	Culture, speaking and listening, reading, writing	
	That's tasty	Speaking and listening, reading, writing	
	Family and friends	Speaking and listening, reading, writing	
	School life	Speaking and listening, reading, writing	
	Time traveller	Speaking and listening, reading, writing	
Year 6	All in a day	Speaking and listening, reading, writing	
	Let's visit a French town	Culture, speaking and listening, reading, writing	
	Let's go shopping	Speaking and listening, reading, writing	
	This is me	Speaking and listening, reading, writing	

<u>Music</u>

List of all	Dynamics, pitch, tempo, texture, timbre, silence, rhythm, duration, composition, harmony, melody, performance, notation
concepts over	
KS2	

Year group	Units of work	Concepts for unit
Year 3	Musical families	dynamics, pitch, tempo, texture, timbre, silence, rhythm, duration, composition, harmony,
	Deiluses als there e	melody, performance, notation
	Railway rhythms	dynamics, pitch, tempo, texture, timbre, silence, rhythm, duration, composition, harmony,
		melody, performance, notation
	Four seasons	dynamics, pitch, tempo, texture, timbre, silence, rhythm, duration, composition, harmony,
		melody, performance, notation
	Carnival of the animals	dynamics, pitch, tempo, texture, timbre, silence, rhythm, duration, composition, harmony,
		melody, performance, notation
Year 4	Brass	dynamics, pitch, tempo, texture, timbre, silence, rhythm, duration, composition, harmony,
		melody, performance, notation
Year 5	Carmen	dynamics, pitch, tempo, texture, timbre, silence, rhythm, duration, composition, harmony,
		melody, performance, notation
	Glockenspiel	dynamics, pitch, tempo, texture, timbre, silence, rhythm, duration, composition, harmony,
		melody, performance, notation
	Samba	dynamics, pitch, tempo, texture, timbre, silence, rhythm, duration, composition, harmony,
		melody, performance, notation
	Leitmotifs/Ancient Greeks	dynamics, pitch, tempo, texture, timbre, silence, rhythm, duration, composition, harmony,
		melody, performance, notation
Year 6	Machine music	dynamics, pitch, tempo, texture, timbre, silence, rhythm, duration, composition, harmony,
		melody, performance, notation
	Water music	dynamics, pitch, tempo, texture, timbre, silence, rhythm, duration, composition, harmony,
		melody, performance, notation
	USA roadtrip	dynamics, pitch, tempo, texture, timbre, silence, rhythm, duration, composition, harmony,
		melody, performance, notation
	Music since 1930	dynamics, pitch, tempo, texture, timbre, silence, rhythm, duration, composition, harmony,
		melody, performance, notation
	Dorformance	
	Performance	dynamics, pitch, tempo, texture, timbre, silence, rhythm, duration, composition, harmony,
		melody, performance, notation

<u>PE</u>			
List of all concepts over KS2	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating r		
Year group	Units of work	Concepts for unit	
Year 3	Athletics	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating	
	Striking and fielding 1-4	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating	
	Gym	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating	
	OAA	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating	
	Gym	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating	
	Invasion games 1-4	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating	
	Dance (shapes)	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating	
	Striking and fielding 5-8	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating	
	Athletics	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating	
	Tennis 1-4	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating	
Year 4	Swimming	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating	
	Striking and fielding 1-4	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating	
	Invasion games 1-4	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating	
	Gym	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating	
	Invasion games 5-8	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating	
	Gym	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating	
	Dance (original scheme)	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating	
	Dance (Musicals)	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating	
	Striking and fielding 5-8	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating	
	Athletics	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating	
	Tennis 5-8	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating	
Year 5	Striking and fielding – cricket	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating	
	Athletics	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating	
	Gym	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating	
	OAA	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating	
	Gym	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating	
	Invasion games – Tag rugby 1-4	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating	
	Dance (original scheme)	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating	
	Invasion games – Netball 1-4	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating	

	Striking and fielding – Rounders	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating
	Dance (Electricity)	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating
	Athletics	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating
	Short Tennis	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating
Year 6	Striking and fielding – Rounders	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating
	Athletics	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating
	OAA	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating
	Dance (waves)	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating
	Invasion games – netball 5-8	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating
	Gym	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating
	Invasion games – Tag rugby 5-8	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating
	Gym	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating
	Striking and fielding - cricket	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating
	Dance – Rock 'n' Roll	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating
	Athletics	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating
	Short tennis	Health, Fitness, Acquisition, Selecting, Applying, Improving, Evaluating

List of all concepts over KS2	Rules, responsibility, tolerance, consequence, diversity, conflict, empathy, ambition, hope, resilience, safety, wellbeing, change, confidence, community, democracy, motivation, safety		
Year group	Units of work	Concepts for unit	
Year 3	Being me in my world	Rules, Responsibility, Tolerance, Consequence	
	Celebrating Diversity	Diversity, Conflict, Empathy	
	Dreams and Goals	Ambition, Hope, Resilience	
	Healthy me	Safety, Wellbeing	
	Relationships	Tolerance, Diversity	
	Changing me	Change , Diversity, Confidence	
Year 4	Being me in my world	Responsibility, Community, Tolerance, Consequence	
	Celebrating Diversity	Diversity, Conflict, Empathy	
	Dreams and Goals	Ambition, Hope, Resilience	
	Healthy me	Safety, Well Being	
	Relationships	Tolerance, Friendship, Diversity	
	Changing me	Change, Diversity, Confidence	
Year 5	Being me in my world	Responsibility, Community, Democracy, Tolerance,	
		Consequences	
	Celebrating Diversity	Diversity, Conflict, Tolerance	
	Dreams and Goals	Ambition, Hope, Resilience	
	Healthy me	Safety, Well-being	
	Relationships	Tolerance, Diversity, Community, Safety – online safety	
		Consequence	
	Changing me	Change, Relationships, Responsibility	
Year 6	Being me in my world	Responsibility, Community, Democracy, Tolerance,	
		Consequences	
	Celebrating Diversity	Diversity, Conflict, Empathy	
	Dreams and Goals	Ambition, Hope, Motivation, Resilience	
	Healthy me	Safety, Well being	
	Relationships	Tolerance -friendship, diversity, empathy, Safety – onl	
		safety, Consequence	
	Changing me	Change, Relationships, Responsibility	

List of all concepts over KS2	Faith, belief, celebration, opinion, symbolism, worship, commitment, relationship, empathy, consequences, motivation over		
Year group	Units of work	Concepts for unit	
Year 3	Hinduism – Would celebrating Diwali in the home and in the community bring a sense of belonging to a Hindu child?	Faith, Belief	
	Christianity – Christmas - Has Christmas lost it's true meaning?	Faith, Belief, Celebration	
	Christianity – Jesus' miracles - Could Jesus really cure people? Were these miracles or is there another explanation?	Faith, Belief, Opinion	
	Christianity – Easter and forgiveness - What is good about Good Friday?	Faith, Belief, Celebration, Symbolism	
	Hinduism – beliefs – How can Brahman be everywhere and in everything?	Faith, Belief, Worship	
	Sikhism – Prayer and worship – What is the best way for a Sikh to show commitment to God?	Faith – prayer, worship, Belief, Commitment	
Year 4	Judaism – Beliefs and Practices - How special is the relationship Jews have with God?	Faith, Belief, Worship, Relationship	
	Christianity – Christmas – What is the most significant part of the Nativity story for Christians today?	Symbolism, Celebration, Faith, Belief	
	Judaism – Passover - How important is it for Jewish people to do what God asks them to do?	Faith, Belief, Commitment, Celebration	
	Christianity – Easter – Is forgiveness always possible for Christians?	Faith, Belief, Empathy – forgiveness, Opinion	
	Judaism – Rites of Passage and good work - What is the best way for a Jew to show commitment to God?	Faith, Belief, Worship, Commitment	
	Christianity – Prayer and worship - Do people need to go to church to show they are Christians?	Faith, Belief, Worship, Prayer	
/ear 5	Sikhism – Belief into action - How far would a Sikh go for his or her religion?	Faith, Belief, Symbolism, Commitment	
	Christianity – Is the Christmas story true?	Faith, Belief, Celebration, Opinion	
	Hinduism – Hindu beliefs – How can Brahman be everywhere and in everything.	Faith, Belief, Empathy, Worship	
	Christianity – Easter. Did God intend Jesus to be crucified?	Faith, Belief, Symbolism, Commitment, Opinion	
	Hinduism – Beliefs and moral values. Do beliefs in Karma, Samsara and Moksha help Hindus lead good lives?	Belief, Faith, Consequences, Opinion	
	Christianity – Beliefs and practices - What is the best way for Christians to show commitment to God?	Faith, Belief, Commitment, Worship	
/ear 6	Islam – What is the best way for a Muslim to show commitment to God?	Faith, Belief, Commitment, Worship	
	Christianity – Do Christmas celebrations and traditions help Christians understand who Jesus was and why he was born?	Faith, Belief, Celebration, Symbolism, Worship, Opinior	
	Christianity – Is anything ever eternal?	Faith, Belief, Relationships, Empathy	
	Christianity – Is Christianity still a strong religion 2000 years after Jesus lived on Earth?	Faith, Belief, Opinion, Empathy, Symbolism	
	Islam – Does belief Akhirah (life after death) help Muslims lead a good life?	Faith, Belief, Consequences, Motivation	

concepts over KS2	BININGV - Change prowith Calles	Cause and effect, change, growth, similarities and difference, variation, process, reproduction, adaptation, energy Biology - change, growth, cause and effect, reproduction, similarities and differences, process, variation, adaptation, working scientifically		
NJZ	Chemistry - process, change, cause and effect, similarities and differences, working scientifically			
	Physics - energy, process, change, cause and effect, similarities and differences, working scientifically			
Year group	Units of work	Concepts for unit		
Year 3	Plants (Biology)	change, growth, cause and effect, reproduction, similarities and differences, process, variation, adaptation, working scientifical		
	Rocks and fossils (chemistry)	process, change, cause and effect, similarities and differences, working scientifically		
	Forces and magnets (physics)	energy, process, change, cause and effect, similarities and differences, working scientifically		
	Animals including humans (Biology)	change, growth, cause and effect, reproduction, similarities and differences, process, variation, adaptation, working scientifical		
	Light (Physics)	energy, process, change, cause and effect, similarities and differences, working scientifically		
	Plants (Biology)	change, growth, cause and effect, reproduction, similarities and differences, process, variation, adaptation, working scientifical		
Year 4	States of matter (chemistry)	process, change, cause and effect, similarities and differences, working scientifically		
	Animals including humans (biology)	change, growth, cause and effect, reproduction, similarities and differences, process, variation, adaptation, working scientifica		
	Sound (physics)	energy, process, change, cause and effect, similarities and differences, working scientifically		
	Electricity (physics)	energy, process, change, cause and effect, similarities and differences, working scientifically		
	Living things and their habitats	change, growth, cause and effect, reproduction, similarities and differences, process, variation, adaptation, working scientifical		
	(biology)			
Year 5	Living things and their habitats	change, growth, cause and effect, reproduction, similarities and differences, process, variation, adaptation, working scientifical		
	(biology)			
	Forces (physics)	energy, process, change, cause and effect, similarities and differences, working scientifically		
	Properties of materials (chemistry)	process, change, cause and effect, similarities and differences, working scientifically		
	Changes of materials (chemistry)	process, change, cause and effect, similarities and differences, working scientifically		
	Earth and space (physics)	energy, process, change, cause and effect, similarities and differences, working scientifically		
	Animals including humans (biology)	change, growth, cause and effect, reproduction, similarities and differences, process, variation, adaptation, working scientifica		
Year 6	Light (Physics)	energy, process, change, cause and effect, similarities and differences, working scientifically		
	Evolution and inheritance (biology)	change, growth, cause and effect, reproduction, similarities and differences, process, variation, adaptation, working scientifical		
	Electricity (physics)	energy, process, change, cause and effect, similarities and differences, working scientifically		
-	Forces (Physics and chemistry)	process, change, cause and effect, similarities and differences, working scientifically Energy, cause and effect, change		
	Animals including humans (biology)	change, growth, cause and effect, reproduction, similarities and differences, process, variation, adaptation, working scientifica		
	Living things and their habitats	change, growth, cause and effect, reproduction, similarities and differences, process, variation, adaptation, working scientifical		
	(biology)			