

# SMSC & FBV at St. Joseph's

**Spiritual (Sp)** – what we **believe** about purpose and meaning of life  
**Moral (M)** – principles that guide our **choices** based on our beliefs  
**Social (So)** – how we **relate to self and others** influenced by our beliefs  
**Cultural (C)** – ways in which we **do things** based on our beliefs



## Gospel Values

Service  
 Truth & Justice  
 Forgiveness & Mercy  
 Purity & Holiness  
 Faithfulness  
 Tolerance & Peace  
 Sacrifice  
 Humility & Gentleness  
 Dignity & Compassion  
 Integrity

Fundamental British Values (FBV)		Gospel Value
Democracy (D)	Making decisions together. The right to an opinion/voice.	<b>Service &amp; Sacrifice.</b> <b>Humility &amp; Gentleness.</b>
Rule of Law (R)	Understanding rules & their importance Following rules to develop order	<b>Truth &amp; Justice.</b> <b>Forgiveness &amp; Mercy.</b>
Individual Liberty (L)	Freedom of speech for all. The right to make our own choices.	<b>Faithfulness &amp; Integrity.</b> <b>Purity &amp; Holiness.</b>
Mutual respect (MR)	Treating others as you would want to be treated. Respect for each other. Working together.	<b>Dignity &amp; Compassion.</b>
Tolerance (T)	Learning about different faiths & cultures. Listen to other viewpoints. Learning about diversity.	<b>Tolerance &amp; Peace</b>

# Art and Technology

## Year 7

Topic	Suggested questions	SMSC	FBV
Imagination and creativity	Why is Art important when expressing our thoughts and feelings?	Sp	L
Form Patron Art project	Why was your school form patron an inspiration to others?	M	L
Dairy Farming	Where do dairy foods come from? What nutritional value do dairy products provide?	M	L
Healthy eating	Why is it important to follow the Eatwell guide recommendations? How much of each food group should we eat? What nutrition does each section of the Eatwell guide provide?	M	L
Health and Safety, COSHH	Why do we have to store hazardous items in the way we do? How can ensure everyone stays safe in the workshop/classroom/art room/food room.	M	L
Packaging	What sort of packaging could companies use that is better for the environment?	So	L
Artist Research	What inspires Artists when they create their work and how are you inspired by them?	So	MR
Respect towards global communities	How might 'fast-fashion' be a global environmental injustice?	C	MR
Cultural influences for choices of practical/outcomes	Could your design cause offence to anyone? Why might it? What could you do to change this?	C	T

## Year 8

Topic	Suggested questions	SMSC	FBV
Renewing and evaluating ideas	How has your work improved during the project? What skills and techniques have you learnt and developed?	Sp	R
Effect of high fat/sugar diets	Name 4 diet related illnesses and describe each one. Explain why a diet high in fat and sugar is bad for our health.	M	L
Design brief problems and practical solutions	Why do we work towards the criteria in a Design Brief?	M	L
Advertisement/packaging for specific target markets	Why is it important to consider the imagery we use in our work?	So	T
Architecture	What is iconic about each of the different forms of Architecture?	C	T
Cultural influences for choices of practical/outcomes	What is the cultural influence of the dish cooked?	C	T

# Drama

## Year 7

Topic	Suggested questions	SMSC	FBV
Physical Theatre: Fairy Tales	The fairy tales help us understand morals	Sp	D
Simon and the Head	How does story telling help us understand the world around us?	Sp	MR
Pantomime	It is nobler to forgive than to take revenge?	M	D
Storytelling	What does it mean to belong?	So	MR
Storytelling	Do we take life for granted?	Sp	L
Script work	How can working with a team help us?	T & M	L

## Year 8

Topic	Suggested questions	SMSC	FBV
Our Day Out	Nature vs Nurture. Do you think aspects of behaviour are a product of either inherited or acquired influences?	So	MR
Character	How can we use Drama to understand the world around us?	Sp	MR
Improvisation	How can we use creativity in performance?	so	MR
Script work	How can we work with a group effectively?	Sp	MR & D
Animal cruelty	Is animal testing ok? What is your opinion	C & So	L, R & D
TIE	How can Drama be used as a tool to educate?	C	D
Comedy Project	How can independent work help us become better learners?	Sp	MR & T
Urban Myths	How can we learn about different cultures in Drama	C	T

# English

## Year 7

Topic	Suggested questions	SMSC	FBV
Gothic	Can you believe that Religion and Science can be reconciled?	Sp	D
Gothic	Do humans have the right to play God?	M	D
Gothic	Is it fair that there was such a big gap between the rich and the poor?	So	T
Gothic	How different cultures are represented between Gothic literature texts?	C	T
Poetry	Should we be more tolerant of other cultures?	M	T
Poetry	Can we relate the moral message of each poem?	M	L
Poetry	How does our culture affect the way we treat others?	C	T
Titanic	Why do we have a class system?	C	MR
Titanic	Who should be saved a first-class passenger, or a third-class passenger?	Sp	MR
Shakespeare: AMSND and The Tempest	Do all actions have consequences?	Sp	MR
Shakespeare: AMSND and The Tempest	The fairies try to help the mortals but all they do is make it worse. Do you agree?	Sp	D
Shakespeare: AMSND and The Tempest	If you love someone, it should not be because of their appearance but because of their personality?	Sp	MR
Shakespeare: AMSND and The Tempest	It is nobler to forgive than to take revenge?	M	D
Oliver Twist and GE	What does it mean to belong?	So	MR
Oliver Twist and GE	Do we take life for granted?	Sp	L
Oliver Twist and GE	Do you think money does not equate to happiness or personal fulfilment and that companionship, kindness is all we need in life?	So	L

## Year 8

Topic	Suggested questions	SMSC	FBV
Blood brothers	Nature vs Nurture. Do you think aspects of behaviour are a product of either inherited or acquired influences?	So	D
Blood brothers	Do you believe in fate rather than destiny?	Sp	T
Blood brothers	Will your past always come back to haunt you?	Sp	L
Sherlock Study	Does justice and goodness triumph over evil and injustice?	Sp	R
Sherlock Study	Do murder mysteries have much to teach us in our lives?	M	R
Sherlock Study	Is there an underlying moral order that underpins society?	So	MR
Noughts and crosses	How do the characters challenge our perceptions of race, power and truth?	C	R
Noughts and crosses	Does the society Callum and Sephy live in, have an impact on their lives?	So	L
Noughts and crosses	What problems still exist between people of different race who fall in love?	C	R
Discrimination	Should one's man sacrifice be for the greater good?	Sp	L
Discrimination	How can we explore concepts such as identity, diversity and community cohesion?	C	T
Discrimination	What is meant by democracy?	C	D
Romeo and Juliet	Do we always know the difference between right and wrong?	M	D
Romeo and Juliet	Do you think we should go against our family by standing up for our beliefs?	M	L
MOV	Should we judge a religion on appearance?	C	T
MOV	How can we bring equality into the world between religions?	So	T
Dystopian	Do you believe mass surveillance of citizens by their own government is a necessary evil?	So	R

Dystopian	What is the importance of individual liberty over doing the right thing?	So	L
Conflict Poetry	What are the ethical and emotional challenges people face during war?	M	MR
Conflict Poetry	Do soldiers have the right to complain?	So	L

# Geography

## Year 7

Topic	Suggested questions	SMSC	FBV
	How are you connected to the world?	Sp	T
	What is your role in the world?	C	MR
	How do my choices impact on the environment	M	D
	Do I have a duty to help other impacted by extreme weather?	M	MR
	Why do I need to value God's Creation?	Sp	D

## Year 8

Topic	Suggested questions	SMSC	FBV



# History

## Year 7

Topic	Suggested questions	SMSC	FBV
Neolithic Period	What were the impacts of the NR?	C	T
The Romans	How has the Roman legacy impacted on today's world?	So	D
The Norman conquest	Who was the most worthy contender?	So	D
The Tudors/Stuarts	Describe the religious rollercoaster and conflict	M	D

## Year 8

Topic	Suggested questions	SMSC	FBV
The Agricultural Revolution	Discuss the morality of child labour and working conditions	M	MR
Politics & Protest	Who should vote?	So	D

# ICT

## Year 7

Topic	Suggested questions	SMSC	FBV
E-safety	How can we keep ourselves safe	So	R
Cyber-bullying	What impact do our actions have on others	So	L
PC Basics	Why is security important?	C	R
	One common language - binary		
	Why is it important to have legislation to protect workers?	So	R
	Why is it important to have legislation to protect our data?	So	R
Scratch	How can I apply the rules and regulations?	M	MR

## Year 8

Topic	Suggested questions	SMSC	FBV
True Colours	Why do we airbrush?	M	L
	Is it morally right?	M	L
	Do airbrushed images have an impact on society?	So	T
Small basic and Python	Rules of coding - why do we use the same syntax to build algorithms.	So	R
Business	What are business ethics?	M	T
	Is it morally right to make as much profit as possible without considering anything else?	M	MR
	What is a community based objective?	C	T
Grand Designs			

# Maths

## Year 7

Topic	Suggested questions	SMSC	FBV
Introduction to algebra	Algebra as universal language: Mathematics is one form of universal communication. How else can we communicate with others who may not speak the same language? P:\Curriculum\Maths\SMSC Topic Slides Select Introduction to Algebra	C	T
Equivalence and Equality	Real life equality. Draw a spider diagram showing how we champion equality and British and Gospel values at St Joseph's in our Mathematics classrooms. P:\Curriculum\Maths\SMSC Topic Slides Select Solving Equations Real life equality	C	T, MR
Rounding	Historians round numbers when trying to estimate how many people were killed during the Holocaust. Efforts have been made to name the victims to restore the individuality and dignity that their killers sought to destroy. Explain what we can do as individuals, as a Catholic school and as British Citizens to ensure that the horrors of the past are never repeated? P:\Curriculum\Maths\SMSC Topic Slides Select Rounding & Estimating Nazi Victims	So	MR, T, R
Explore the use of negative numbers	Climate Change: How might you use the Mathematics that we learn to save the planet now and when you are older? P:\Curriculum\Maths\SMSC Topic Slides Select Negative Numbers Climate Change	Sp	L, T

Investigate Prime Numbers	Global security: Why are prime numbers / encryption important for us as individuals and as a global community? P:\Curriculum\Maths\SMSC Topic Slides Select Prime Numbers Global Security	C	T
Manipulate Algebraic Expressions	Manipulate expressions without changing their meaning: World religions share the idea of light as universally symbolic for God's love and guidance. What other values and traditions do we share with other world religions? P:\Curriculum\Maths\SMSC Topic Slides Select Expand & Factorise	Sp	T, MR
Investigate Number Sequences	Fibonacci Sequence: Is the Fibonacci Sequence God's fingerprint on the Earth? P:\Curriculum\Maths\SMSC Topic Slides Select Fibonacci Sequence God's existence	Sp	T
Fractions, Decimals and Percentages	Jesus said, "It is more blessed to give than to receive." In Islam, Zakat is the proportion of income (2.5%) that Muslims give to charity. What is your ideal future career? How much might you earn? Would you contribute 2.5% of your future salary to charity? Is this too much or too little? What do you currently do for Charity? P:\Curriculum\Maths\SMSC Topic Slides Select Fractions, Decimals and Percentages Charity	So	D, MR
Area, Perimeter and Volume	Deforestation: Discuss as a class and then write a list of bullet points explaining what steps we can all take as responsible global citizens to limit deforestation. P:\Curriculum\Maths\SMSC Topic Slides Select Area and Volume Deforestation	M	D

Pie Charts	<p>As British Citizens with a Catholic ethos who uphold Gospel values, should we pay tax? Do we all have a responsibility to contribute financially to the society in which we live?</p> <p>P:\Curriculum\Maths\SMSC Topic Slides Select Pie Charts Tax</p>	M	D, MR, T
Investigate types of data	<p>Nature Vs Nurture</p> <p>Explain whether you feel nature or nurture will have the biggest impact on your Mathematics GCSE grade?</p> <p>P:\Curriculum\Maths\SMSC Topic Slides Select Data Nature vs Nurture</p>	So	L
Average and the range	<p>During the Coronavirus pandemic mathematics based on statistics and the averages has become our most powerful weapon in the war against the virus. With British and Gospel values at the forefront of your minds, write down your thoughts about the deaths of the most vulnerable in society being excluded from government data? What might you, as citizens of the future, do differently?</p> <p>P:\Curriculum\Maths\SMSC Topic Slides Select Statistics and Sampling The Averages</p>	M	MR
Transformations (Enlargement)	<p>The Nightingale Hospitals: Describe a situation where you have applied the skill of enlargement, lived out our school mission and achieved beyond your wildest imagination.</p>	Sp	T

## Year 8

Topic	Suggested questions	SMSC	FBV
Develop an understanding of probability	Gambling - What are your views on the fact that we are the third highest gambling nation on the planet? Where is the boundary between an occasional 'flutter' and a dangerous addiction? P:\Curriculum\Maths\SMSC Topic Slides Select Probability Gambling	So	MR
Explore ratio and proportion	Ethical fashion - The Rana Plaza disaster in Bangladesh. Imagine that you are the fashion director of an international brand. With British and Gospel values at the forefront of your mind, write a mission statement which celebrates your commitment to an ethical and environmentally friendly supply chain. You might like to use our St Joseph's mission statement for inspiration. P:\Curriculum\Maths\SMSC Topic Slides Select Ratio & Proportion Ethical Fashion	M	T
Solve problems involving Pythagoras' Theorem	Protecting Whales - Design a poster to promote the new global campaign to turn a large area of the Atlantic Ocean into a wildlife sanctuary. P:\Curriculum\Maths\SMSC Topic Slides Select Pythagoras' Theorem Whales	M	MR
Circumference and area of circles	The RE and Mathematics behind rainbows. How does what we have learned about rainbows bring Mathematics and RE together? P:\Curriculum\Maths\SMSC Topic Slides Select Circles Rainbows	Sp	T
Investigate quadratic Sequences	The link between quadratics and telescopes could be the key to unlocking	C	L, MR

	<p>one of the greatest mysteries for mankind: are we alone in the universe and how did our first galaxies form? Discuss the views of Stephen Hawking, Isaac Newton and The Bible.</p> <p>P:\Curriculum\Maths\SMSC Topic Slides Select SMSC Quadratics in telescopes</p>		
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# MFL

## Year 7

Topic	Suggested questions	SMSC	FBV
Greetings	Is kissing or shaking hands a more acceptable form of greeting?	So	T
Greetings	Why are there two ways of saying "you" in French/Spanish?	C	T
Personal Information	How are you? (Discussing feelings)	Sp	L
Personal Information	What kind of person are you?	Sp	L
Hobbies / Free-Time	What do you like doing in your free-time?	Sp	L
Hobbies / Free-Time	What are you going to do (tomorrow)? (Making future plans)	Sp	L
School / Studies	What are your favourite subjects and why? What subject(s) do you not like and why?	Sp	L
School / Studies	What is your school like?	C	T
School / Studies	Is uniform important? What would your ideal uniform be like?	So	D
School / Studies	What extra-curricular activities do you do?	So	T
Family & Friends	How many people are there in your family?	So	MR
Family & Friends	What do you look like? What does .... look like?	So	MR
Family & Friends	Why are there less split families in Spain than the UK?	C	MR
Family & Friends	How do you get on with your.....?	So	T
House & Town	What is your house like?	C	MR
House & Town	What do you think of your town?	So	L
House & Town	Would you be able to survive in a country where shops are not open 24hrs?	So	T
Festivals & Traditions	What do you know about the Dia de los Muertos event?	C	T
Festivals & Traditions	Would you wait until 5 <sup>th</sup> /6 <sup>th</sup> January to receive your Christmas presents?	So	T



Festivals & Traditions	Would you like to take part in the 'Reyes' celebration?	C	L
Festivals & Traditions	What are the differences between Christmas celebrations in England and France/Spain?	C	T
Festivals & Traditions	What do the French celebrate on 14 <sup>th</sup> July?	C	T

## Year 8

Topic	Suggested questions	SMSC	FBV
Holidays	What do / did you like to do on holiday?	So	D
Holidays	Where did you go on holiday?	C	L
Holidays	How was it (for you)? - Giving opinions	Sp	T
FRENCH UNIT	What do you know about French...	C	T
FRENCH UNIT	... -speaking countries?	C	T
FRENCH UNIT	... famous people / places / landmarks / food?	C	T
FRENCH UNIT	Compare English and French ... ... meal(time)s / food / Christmas traditions...	C	T
My Life	What kind of music do you like and why?	M	R
My Life	What TV programmes do you watch (and why)?	So	L
My Life	What do you usually wear at the weekend?	So	L
My Life	How similar is life in Spain (and other Spanish-speaking countries) vs Life in England?	C	T
My Life	What do you use your phone for?	So	L
My Life	How do you use technology?	So	L
My Life	Do you use technology too much?	So	L
My Life	Discussing children's rights	M	R
Food & Drink	How is food different in Spain?	C	T
Food & Drink	What do you like to eat and drink?	C	L
Food & Drink	Describe your mealtimes.	C	L

Food & Drink	What are the differences between English and Spanish mealtime routines?	C	T
Food & Drink	How to order in a restaurant (formal address)	C	L
Healthy Living	Do you have a healthy diet?	C	L
Healthy Living	Do you have an active lifestyle?	Sp, So	L
Healthy Living	What are you going to do in the future to be(come) healthy (healthier)?	Sp	R
Cultural Awareness - Summer	What do Spanish children do in their summer break?	M, C	T

# MUSIC

## Year 7

Topic	Suggested questions	SMSC	FBV
Introduction to Music / Keyboard skills	How can we use practice time efficiently? How can we develop our appraisal skills?	So	MR , T, R
Ukulele/Guitar	How can we stay disciplined to learning a new instrument and learning how to read sheet music?	Sp So	R, MR , T
Rock Music	How has different artistic and musical contexts influenced new sub genres in music?	M, Sp	T
Rhythm and beat	How can I develop my musicianship through collaborative groups tasks? How can I develop my listening skills?	So	T, MR
Film Music	How have composers written music intentionally to portray a certain emotion / atmosphere for the listener?	M	T, MR
Songwriting / Ensemble band skills	How can we work effectively as a team? What qualities do we need to work well with others and be able to deliver a group performance?	M, So	D

## Year 8

Topic	Suggested questions	SMSC	FBV
Keyboard skills/ Pop Music	How can we use practice time efficiently? How can we develop our appraisal skills? How can we deliver an effective performance?	M, So	T, MR
Reggae Music	How have historical events and contexts influenced different musical styles?	Sp, M	L, T
Elements of Music	How can we implement elements of music into performances to develop them? How do artists use different musical elements in their work for a set purpose?	So	T
Band Skills	How can we collaborate with peers effectively?	So	T, MR, D
Musical Theatre	What is musical theatre? What are typical musical theatre conventions?	So, M	D, T, MR

Rhythm and beat STOMP	How can we become a better listener? How can we work effectively as a team to deliver a group performance?	So	MR, T

# RE

## Year 7

Topic	Suggested questions	SMSC	FBV
Welcome	What is RE? Why do we study RE?	SMSC	MR, L
Promises & Covenant	What is the difference between a contract and a covenant? Is it important to keep promises? What would happen if we didn't have laws to guide us? Is it morally right to sacrifice something important for the greater good?	SMSC	R, D, L
Judaism Today	Do rules from thousands of years ago still apply today? In what ways is Judaism similar/different to Christianity? Should we eat animals? Is choosing what to eat an act of worship? Should religious celebrations be public or private? Should young people be made to follow the rites and rituals of their faith? Should religious rituals be performed on babies?	SMSC	MR, T, L
Advent	Should non-Christians celebrate Christmas? What is the real meaning of Christmas for you?	SMSC	MR, T, L
Messiah & Life of Jesus	Is it right to follow a person rather than God? Did the historical Jesus really exist?	SMSC	T, L
Miracles & Parables	Was Jesus the Son of God? Are Jesus' parables relevant for us today?	SMSC	T, L

	I faith shown better through words or actions?		
Lent & Easter	<p>Can someone really come back from the dead?</p> <p>Should atheists buy Easter eggs?</p> <p>Is it better to give something up or do something extra?</p> <p>Do we need to fast to show devotion to God?</p> <p>Should religion be expressed privately or publicly?</p>	SMSC	T, L
The Early Church	<p>Should we be allowed to convert others?</p> <p>Is the church the building or the people?</p> <p>Do you need to follow a religion to get to heaven?</p>	SMSC	T, L
Creation & Stewardship	<p>Would the world be a better place if everyone looked after it?</p> <p>Are humans really the ultimate creation?</p> <p>Do we have a duty to look after the world?</p> <p>Did God create the world?</p>	SMSC	MR, T, L, R, D

## Year 8

Topic	Suggested questions	SMSC	FBV
Bible & The Church	Is the Bible relevant today? Is the Bible the word of God?	SMSC	R, T
Vocation	Who are our role models for life today? Should everyone have a vocation?	SMSC	L, MR, T
Vocation & Parish	What does it mean to dedicate your life to someone or something? How can the church help people today?	SMSC	R
Pilgrimage & Church in the World	Should you help those in need? Should we put others first? Do we treat others as we would like to be treated? How do we show that all human life is equal?	SMSC	L, MR, T
Sacraments	Do Sacraments bring us closer to God? Are Sacraments relevant today? Do Sacraments make us good people?	SMSC	R, MR, T
Catholic Christian Beliefs	How should a Catholic live out their life? Do you have to believe everything the Church teaches?	SMSC	R, MR, T
The Holocaust	How can we make sure mistakes from history don't happen again? How do the lessons learnt from the past influence our lives today?	SMSC	MR, T
The Dharmic Religions (Hinduism, Sikhism & Buddhism)	Is karma real? What happens when we die? How do other religious people live their lives? Are all religions equal?	SMSC	MR, T

# Science

## Y7 Unit 1 – Transition & skills

	Suggested questions	SMSC	FBV
1	Why do we have rules?	C	RoL
2	Why did God give us the ten commandments?	Sp	RoL/T
3	Can we ever be 100% safe?	So	D
4	Should we do experiments if there is a risk of harm?	C	IL
5	Why do we feel it is important to measure things?	C	D
6	Does everything always have to fit into a category?	So	
7	Do we make decisions morally or based on scientific data?	M	D

## Y7 Unit 2 – Forces

	Suggested questions	SMSC	FBV
1	How do we explain forces if we can't see them?	Sp	D
2	What would life be like without forces?	Sp/C	RoL
3	Are forces useful or harmful?	C	IL
4	How can forces be used to protect life?	C	MR
5	What would life be like without gravity?	Sp	RoL
6	Where does gravity come from?	Sp	T
7	Should people be allowed to risk their lives in fast cars for sport or fame?	M	IL
8	Why should we keep sporting activities safe?	So/C	MR
9	Are speed restrictions always necessary?	M	RoL
10	Will we ever be able to travel at the speed of light?	Sp	
11	Could you design the ultimate vehicle to travel the world?	C	
12	Does it really matter what type of car you own?	M/So	IL



## Y7 Unit 3 - Particle model

	Suggested questions	SMSC	FBV
1	Did God only make 3 states of matter?	Sp	T
2	Should we always put things into categories?	C	
3	How do we know particles exist if we can't see them?	Sp	D
4	What are the benefits and risks of gas pressure?	M/C	D
5	What would life be like without diffusion?	Sp	
6	How can we be sure that water is safe to drink?	C	MR
7	Are we too wasteful with our drinking water?	M	IL
8	Should more wealthy countries provide clean water to everyone?	M/So	MR

## Y7 Unit 4 - Cells

	Suggested questions	SMSC	FBV
1	Are we God's creation or are cells the building block for life?	Sp	T
2	Are organ transplants ethical?	M	D/T
3	Should it be compulsory to donate blood?	M/So	IL/T
4	Who designed the skeleton for protection..... or did it evolve?	Sp	IL
5	How would you improve your skeleton?	Sp/C	
6	Should we do less sport to avoid injuries?	So/C	IL
7	Are we simple machines or something unique?	Sp	
8	Do cells specialise or were they designed by God?	Sp	T

## Y7 Unit 5 - Electricity

	Suggested questions	SMSC	FBV
1	Who decides if a material should be a conductor or an insulator?	Sp	
2	What would the world be like without electricity?	So/C	RoL
3	How would life be different without electrons?	Sp/C	
4	Where does electricity go when a switch is turned off?	Sp	RoL
5	Are we too wasteful with electricity?	M/C	IL
6	Is electricity dangerous or useful?	Sp/C	IL
7	Do the benefits of using electricity outweigh the risks?	C	D
8	Should more wealthy countries ensure electricity is available worldwide?	M/So	MR

## Y7 Unit 6 - Metals, acids & alkalis

	Suggested questions	SMSC	FBV
1	Is it acceptable to use dangerous chemicals in the home?	M	IL
2	Do dangerous materials have any uses?	C	D
3	Which are most useful - acids or alkalis?	Sp/C	D
4	Should we use dangerous chemicals if they could cause harm to life?	M/C	MR
5	Did God make basic materials for man to adapt to suit their own purpose?	Sp	T
6	Are all metals useful?	C	D
7	Did God design each metal for a specific purpose?	Sp	T
8	Are all chemical reactions useful?	C	D
9	How is oxygen both useful & harmful to life?	Sp/M	IL
10	Would iron last forever if there was no oxygen?	Sp/C	

## Y7 Unit 7 - Interdependence

	Suggested questions	SMSC	FBV
1	Should God's planet and all habitats be better protected?	Sp/M	MR
2	Are humans causing animals to adapt? Is it fair?	So/C	MR
3	How do creatures know how and when to adapt?	Sp	
4	Do all humans have a negative impact on food webs?	C	MR
5	Do different cultures have different effects on food webs?	C	T
6	Does farming do more harm than good?	C	D
7	Should farmers do all they can to maximise their produce?	C	D
8	Should we use more locally produced food?	M	D
9	Do all God's creatures deserve the same respect?	M	MR
10	Why did God make predators?	Sp	T
11	Should hunting animals for sport be banned worldwide?	M	D/MR
12	With our knowledge about plants.....can we feed the world?	So/C	MR
13	Should farmers only use natural fertilizers?	M	IL

## Y7 Unit 8 - Waves (sound & hearing)

	Suggested questions	SMSC	FBV
1	How were sound waves discovered?	So	
2	Are sounds the only method of communication?	Sp/So	T
3	Can sound be dangerous?	C	D
4	Are people with hearing loss disadvantaged by God?	Sp	T/MR
5	How would a day without sound be different?	Sp/C	
6	How do we know animals communicate using sound if they don't talk?	Sp	T

## Y7 Unit 9 - Earth & space

	Suggested questions	SMSC	FBV
1	Did God design the structure of the Earth or has it developed over time?	Sp	T
2	Does everything follow a cycle.....including us?	Sp	
3	Do the differences in rocks show an ever changing Earth?	Sp	T
4	What would life be like without changes in seasons?	Sp	
5	How would the Earth be different without the moon?	Sp/C	
6	What would life be like without gravity?	Sp	RoL

7	Is gravity important for life?	Sp/C	RoL
8	Did God design the Solar System so that life could exist on Earth?	Sp	T
9	Could humans live on another planet?	So/C	MR
10	What will happen to us when the Sun "dies"?	Sp	
11	Does learning about the universe disprove that heaven exists?	Sp	T
12	Is there life beyond our galaxy?	Sp	IL

## Y7 Unit 10 – Reproduction & variation

	Suggested questions	SMSC	FBV
1	Are humans animals?	Sp/So	T
2	Are we God's creation or are cells the building block for life?	Sp	T
3	When does life begin?	Sp	T/D
4	What are the consequences of sex? (Personal responsibility of another life)	So	MR
5	Who decides how many offspring "you" can have?	So/C	IL
6	Are we all unique and special or made in the likeness of God?	Sp	T
7	Are some characteristics better than others? Should we respect these differences?	C	MR
8	How are we influenced by our surroundings?	So	IL
9	Is plant reproduction as important as human reproduction?	Sp/So	MR
10	What would the world be like without insects?	So/C	
11	Does it matter if bees become extinct?	Sp	MR
12	Is it right to interfere with nature?	M/Sp	MR
13	Should we be able to selectively breed for characteristics?	M	D/T

## Y7 Unit 11 - Energy Transfers

	Suggested questions	SMSC	FBV
1	Does all energy come from the Sun or from God?	Sp	T
2	Could there be more than 8 energy stores?	Sp	D
3	Do people who eat more food have more energy?	So/C	IL
4	How can we explain energy changes if we can't see particles?	Sp	D
5	If energy is always conserved.....why is some wasted?	C	RoL
6	Should we always buy the most expensive appliance?	M/C	IL
7	Is saving money the best reason for cutting down on our energy usage?	M/C	IL
8	Why are fossil fuels still used to produce electricity?	C	D
9	Are we obliged to protect the world's natural resources?	M	MR
10	Should we be held more accountable for our impact on the environment?	M/C	D
11	Should/could all our electricity be made using renewable resources?	M/C	IL

## Y8 Unit 1 - Skills

	Suggested questions	SMSC	FBV
1	Why do we have rules?	C	RoL
2	Why did God give us the ten commandments?	Sp	RoL/T
3	Can we ever be 100% safe?	So	D
4	Why do we feel it is important to measure things?	C	D
5	Does everything always have to fit into a category?	So	
6	Can we ever make anything perfect?	C	
7	Do we make decisions morally or based on scientific data?	M	D

## Y8 Unit 2 - Forces

	Suggested questions	SMSC	FBV
1	How do we explain forces if we can't see them?	Sp	D
2	How can forces be used to protect life?	C	MR

3	What would life be like without gravity?	Sp	RoL
4	Are forces useful or harmful?	C	IL
5	Are aeroplanes the safest way to travel?	M/C	D
6	Can being able to change pressure help protect the environment?	C	MR
7	Is all pressure exerted on humans a bad thing?	So	
8	Do dams protect life or damage the environment?	C	D/MR
9	Should we risk our lives exploring the oceans, or is there more to learn?	M/C	IL
10	Can pressure from liquids be useful?	C	
11	How would life be different if all materials had the same density?	Sp/C	

### Y8 Unit 3 – Periodic Table & materials

	Suggested questions	SMSC	FBV
1	Does everything always have to fit into a category?	So	
2	How do we know atoms exist if we can't see them?	Sp	D
3	Where do people find inspiration for making new discoveries?	Sp	T/MR
4	Should we do experiments if there is a risk of harm?	C	IL
5	Are the benefits of using hazardous elements worth the risk?	M/C	D
6	Which are most useful – metals or non-metals?	Sp/C	D
7	Should we stop making new materials & use what is already available?	M/C	IL
8	Do we have a responsibility to provide resources to poorer countries?	M/So	MR
9	Are synthetic materials always better than natural ones?	M	D

### Y8 Unit 4 – Bioenergetics

	Suggested questions	SMSC	FBV
1	Can we learn more from nature & its processes?	C	MR
2	Does all energy come from the Sun or from God.....or somewhere else?	Sp	T

3	Are plants more complex than humans?	Sp	
4	Could we survive without plants and photosynthesis?	Sp	D
5	How do plant cells know how to adapt.....is it nature or God?	Sp	
6	Could we take more care of our environment to promote plant growth?	M/C	MR
7	Who designed plant cells to work as they do?	Sp	
8	Are plants more important than humans?	Sp	IL
9	Which is most useful - aerobic or anaerobic respiration?	Sp/C	D

## Y8 Unit 5 - Waves (light)

	Suggested questions	SMSC	FBV
1	Did God actually create light on the 1 <sup>st</sup> day of creation?	Sp	T
2	Is a rainbow an example of God's intervention in our lives?	Sp	T/RoL
3	Are mirrors a useful invention or are we too image conscious?	So	IL
4	Are cameras good for society?	M/C	IL
5	Who inspired scientists to use lenses for vision?	Sp	T/MR
6	What would life be like with more than two eyes?	Sp	
7	Can it be dangerous to be colour-blind?	C	MR
8	Are animals afraid of the dark?	Sp	
9	Will we ever be able to travel at the speed of light?	Sp	

## Y8 Unit 6 - Climate & Earth

	Suggested questions	SMSC	FBV
1	Is everything part of a cycle.....including us?	Sp	
2	How is carbon dioxide both useful yet harmful to life?	Sp/M	IL
3	Who should take responsibility for global warming?	So/C	D
4	Are humans solely responsible for climate change?	C	IL
5	Are our actions causing more health issues or would this happen naturally?	Sp/C	D
6	Is it right for humans to keep extracting what they want from the Earth?	M/So	IL
7	Should we share more of the Earth's resources?	M/So	MR
8	Are we acting quick enough to save the planet? Do we recycle enough?	M	IL/MR
9	Is it right to use God's land as a waste dump?	Sp	T/IL
10	Who decides what "pollution" is and how it should be controlled?	C	D/RoL
11	Is mining for metals an ethical activity?	M	D
12	Are some metals eg gold, really worth so much expense?	C	IL

## Y8 Unit 7 - Systems

	Suggested questions	SMSC	FBV
1	Should we take more care of our bodies as they are a gift from God?	Sp	T/IL
2	Can poverty be an excuse for a poor diet?	So	MR
3	Should we be more respectful of others and their different diets?	C	MR
4	Are all "healthy eating" claims on food labels strictly true?	Sp/M	D
5	Who is to blame for obesity?	So	T/IL
6	Should doctors have the right to refuse treatment to people who have damaged their organs by following a poor diet?	M	D/IL
7	Is it right to judge people by their lifestyle?	M	MR
8	Why does God let things go wrong if doctors can't fix them?	Sp	T
9	Should we judge others on their fitness?	M	MR
10	Do we have a moral responsibility to exercise to keep our bodies healthy?	M	IL
11	Why do people still choose to smoke?	So/C	IL
12	Are all drugs bad for us - who decides?	So/C	D



13	Should doctors have the right to refuse treatment to people who mistreat their bodies?	M	D/IL
14	Should doctors have the right to refuse treatment to drug addicts?	M	D/IL
15	Should the selling of drugs be made legal?	M/So	D/RoL

## Y8 Unit 8 – Magnets & electromagnets

	Suggested questions	SMSC	FBV
1	Did God create the Earth's magnetic field?	Sp	D
2	How can we trust compasses when we can't see a magnetic field?	Sp	RoL
3	Who decides which materials are magnetic?	Sp	
4	Can animals really use magnetic fields?	Sp	T
5	Could we protect the Earth's resources & environment by using "magnetic transport"?	C	D
7	How would life be different without magnetic materials?	Sp/C	

## Y8 Unit 9 – Reactions

	Suggested questions	SMSC	FBV
1	Should we do experiments if there is a risk of harm?	C	IL
2	Are all chemical reactions useful?	C	D
3	How can we explain reactions when we can't see atoms?	Sp	D
4	Are there positive & negative uses for combustion?	C	D
5	Which reactions are most useful – exothermic or endothermic?	Sp/C	D

6	Why do we still burn so much fossil fuel?	M/C	IL

## Y8 Unit 10 – Inheritance & evolution

	Suggested questions	SMSC	FBV
1	Are we God's creation or are cells the building block for life?	Sp	T
2	Are we all unique and special or made in the likeness of God?	Sp	T
3	Should scientists be allowed to do research with DNA?	Sp/M	D/MR
4	Should DNA information be used to solve crimes?	M/So	D/RoL
5	Should genetic modification (GM) be allowed?	M	D
6	How are we influenced by our surroundings?	So	IL
7	How do creatures know how and when to adapt?	Sp	
8	Do we do enough to protect all the animals of the world?	C	MR
9	Why doesn't God intervene before one of his creatures becomes extinct?	Sp	T
10	Would it matter if there were too many animals in the world?	Sp	MR
11	Can we prevent extinction?	C	D
12	Would it be ethical to bring an extinct animal back to life using science?	M	D
13	Is it right to interfere with nature?	M/Sp	MR
14	Are zoos ethical? (Are breeding programmes necessary?)	M	D/MR

## Y8 Unit 11 – Energy

	Suggested questions	SMSC	FBV
1	Are all "simple machines" useful or can they also be harmful?	M/C	IL
2	How would life be different without "simple machines"?	Sp/C	
3	How would life be different if the freezing point of water is - 20°C?	Sp/C	RoL
4	How can we explain energy changes if we can't see particles?	Sp	D
5	Which type of energy transfer is the most useful - conduction, convection or radiation?	C	IL
6	Do we have a duty to insulate our homes?	M	IL
7	Should local government provide poorer households with free home insulation?	M/So	MR

# SEN

SMSC	Suggested questions	FBV
Spiritual	Talking partners; TA assist in Masses and services; TAs assist in enrichment nurture clubs; encouraging pupils to be in the choir and perform in services; Facebook; stars of the week; encourage sense of belonging during transition.	MR
Moral	Inclusive sports; one to one support; key TA support; giving confidence to complete tasks and exams	R
Social	Transition; lunch clubs; representing department and showing new staff around; taking part in drama and music events; parent and carer support group; pupil passport videos	MR
Cultural	Inclusive sports events; chess club; diverse SEN team; celebrating different religions.	R

# SPORT

## Year 7 and 8

Topic	Suggested questions	SMSC	FBV
Fitness, HRF.	Why should we keep our body in good physical condition?	Sp	L
Football, Netball, Hockey, Rugby.	Why might you want to win at all costs during a particular sport? What do we mean when we say Sportsmanship?	M	MR
Football, Netball, Hockey, Rugby, Badminton, HRF.	What social benefits can we get from taking part in sport?	So	MR
(Cricket, Football, Athletics, HRF, Badminton, Rugby, Hockey, Netball.)*	What makes sports able to be played in all different cultures and backgrounds around the world? Where do we think (Cricket*) originated?	C	T
Football, Hockey, Rugby, Cricket, Badminton, Netball.	Why is important to follow Rules and Laws, what may happen if we don't? Link to sports and Life.	M	R
Gymnastics, Football, Hockey, Rugby, Netball, Cricket.	Plenary at the end of lessons to discuss learning as a group. What went well? Who worked well as a team?	So	MR
Football, Badminton, Rugby, Hockey, Netball, Cricket.	Playing and implementing the correct rules within the game. Who managed to officiate the game effectively? What skills did they have to use to do so?	M	D
Football, Badminton, Rugby, Hockey, Netball, Cricket, Gymnastics, HRF.	Do all actions have consequences?	Sp	MR
Football, Badminton, Rugby, Hockey, Netball, Cricket, Gymnastics, HRF.	How does taking part in PE help us to keep happy in life?	Sp	L
Football, Badminton, Rugby, Hockey, Netball,	How are we influenced by our surroundings?	So	T

Cricket, Gymnastics, HRF.			
Football, Badminton, Rugby, Hockey, Netball, Cricket, Gymnastics, HRF.	What are the consequences of a poor diet? What Benefits does a balanced diet provide us? What do we mean by burning calories during exercise?	So	MR

# Form activities

W/C	Topic	Links to SMSC, FBV and Gospel Values
7 Sep	1. Creating the St Joseph's Ground Rules	ALL
21 Sep	2. Defining the individual SMSC aspects	ALL SMSC Headings
5 Oct	3. Defining fundamental British Values, Gospel Values and the relationships between them	ALL British Values and Gospel Values
19 Oct	4. Developing self-esteem and belief in self	SMSC: Spiritual FBV: Individual Liberty Gospel Values: Humility and Dignity
16 Nov	5. The difference between right and wrong	SMSC: Moral FBV: Rule of Law Gospel Values: Truth and Justice
30 Nov	6. Participating in the community	SMSC: Social FBV: Rule of Law Gospel Values: Tolerance and Peace
14 Dec	7. Democratic processes	SMSC: Moral FBV: Democracy Gospel Values: Integrity
11 Jan	8. Celebrating diversity	SMSC Cultural FBV: Mutual Respect & Tolerance Gospel Values: Compassion
25 Jan	9. Understanding consequences	SMSC: Moral FBV: Rule of Law Gospel Values: Forgiveness & Mercy
8 Feb	10. Accepting and respecting culture	SMSC: Social FBV: Mutual Respect & Tolerance Gospel Values: Tolerance and Peace
1 Mar	11. Cultural opportunities	SMSC: Cultural FBV: Mutual Respect & Tolerance Gospel Values: Tolerance and Peace
15 Mar	12. Defining my personal values and beliefs	SMSC: Spiritual FBV: Individual Liberty Gospel Values: Faithfulness
12 Apr	13. Respecting the law	SMSC: Moral FBV: Democracy Gospel Values: Truth and Justice
26 Apr	14. Being kind, considerate and helpful	SMSC: Moral FBV: Mutual Respect & Tolerance Gospel Values: Service
10 May	15. Defining empathy and controlling emotions and feelings	SMSC: Spiritual FBV: Individual Liberty Gospel Values: Dignity & Compassion
24 May	16. Making reasoned viewpoints	SMSC: Moral FBV: Democracy

		Gospel Values: Integrity
7 Jun	17. Imagination and Creativity	SMSC: Spiritual FBV: Individual Liberty Gospel Values: Integrity
21 Jun	18. Reviewing the Individual SMSC Aspects	ALL SMSC Headings
5 Jul	19. Reviewing the SMSC and BV Provision	ALL

## SMSC Form Observations

Date	Details	Strengths	Areas for improvement