SMSC opportunities in Science						
Spiritual	Moral	Social	Cultural			
Science – asking questions on our place in the world	Within the classroom, we encourage respect and reward	In the classroom, we look for opportunities for	There would be no civilization (as we know it) without			
and the universe.	good behaviour. We value listening to others' views and opinions on problem solving.	students to use mini whiteboards to promote self- esteem and build self-confidence.	advances in science. Students are immersed in science without realizing (mobile phones, the internet, bikes,			
Allow students to appreciate the value and power			cars, etc).			
of science.	Stem cell research/vaccinations/Jenner&smallpox/billions spent on space research, etc. What are the rights and	We encourage collaborative learning in the classroom – in the form of listening and learning from each other				
We promote a sense of wonder in the beauty of science and awe at our understanding (and lack of)	wrongs?	and paired discussion / working partners in order to show that the result is often better than they could	We discuss the history of science looking at the origins and development of theories (Evolution, atomic theory,			
of phenomena from the very small to the unbelievably large.	Bias within scientific papers or peer reviewed papers vs newspapers.	achieve alone.	etc.)			
, 3		Open discussions on topics ranging from alcohol abuse	Need to ensure the recognition of other culture's input			
We aim to be consistently enthusiastic about the	The importance of keeping an open mind when exposed to	to vaccinations, organ transplants, embryonic stem	into the field of science.			
subject and to use a range of teaching strategies that allow pupils to be creative or imaginative.	new information that challenges old ways of thinking.	cells, etc.				
		We exhibit pupils work in classrooms on working walls				
Science is the tool by which you explain everything in the Universe:		and displays to share their good practice and celebrate achievement.				
Composition of the atom						
The effect of humans on Earth		We hope to enable our students to enjoy their success				
The sun as our source of food		in Science and will celebrate accordingly whilst supporting any short term failure through				
The vastness and beauty of the universe		interventions as and when required. Social				
		development is aided further by fostering a problem				
		solving approach to any work set that encourages				
		students to breaking tasks into smaller manageable				
		parts, often with the assistance of other students.				

British values opportunities in Science						
Democracy	The rule of law	Individual liberty	Respect	Tolerance of those with different faiths		
Sexism and racism in science – Rosalind Franklin, Katherine Johnson at NASA, etc.	Students will be consistently reminded of the importance of abiding by the law. Some discussions in which these can arise: Alcohol Drug use Ethics and the law (cloning,etc)	Encouraging and allowing discussions and debates around 'bad science' and 'fake news', leading to many incorrect beliefs (Flat Earth, Creationism, Anti-vax movement, etc). Allow discussions on the cultural and historical roots of science.	Students will consistently show respect for all cultures and beliefs within all discussions. Our World Our Thoughts insists on showing respect and allowing all time to respond without judgement.	Students should have an understanding of the historical conflict between science and Christianity (Galileo, Darwin, Dawkins, etc) and an understanding of current science/faith crossroads (Roe vs Wade, use of stem cells etc). Also important to acknowledge the current 'scientific method' originated from Islamic civilisation centuries before the renaissance.		