

## Nottingham Girls' Academy Provision for SMSC and British Values

<u>Faculty:</u> <u>Science</u>	British Values	Social	Moral	Spiritual	Cultural
<b>Year 7</b>	<p><u>British values of democracy</u> Pupils are given the opportunity to have their voices heard through pupil interviews. During class discussions they are given the opportunity to express their views / opinions of ethical /moral situations of the impact of science on society and society on science.</p> <p><u>The rule of law</u> The Science Dept. follows the school behaviour policy which itself is a system of rules designed to ensure all pupils can learn within a safe environment.</p>	<p>Environment Teamworking Risk assessments Healthy eating, alcohol Drugs in sport, smoking Exercise and a healthy diet Malnutrition and obesity Drug misuse Smoking and asthma</p>	<p>The use of gene banks. Is it right or not? Origins of life Drug misuse Balanced diet Renewable and non-renewable energy Oscar Pistorius - is it fair?</p>	<p>Development of particle theory Models of solar system - religious opposition</p>	<p>Reproduction in humans and plants</p>
<b>Year 8</b>	<p><u>Individual liberty</u> Pupils are taught in a supportive, safe environment and encouraged to exercise their rights and personal freedoms.</p> <p><u>Mutual respect and tolerance for those with different faiths and beliefs</u> Pupils are taught to respect one another including their beliefs and respect for personal decisions, reinforced through the school behaviour policy.</p>	<p>Habitats. Abiotic and biotic factors Pest control Food webs and food chains Importance of insects in pollination Sustainable development Developments in medicine Use of ultra sound</p>	<p>Herbicides/pest control - weighing up pros and cons Water and air pollution Effects of climate change Recycling materials Alternative fuels</p>	<p>Formation of the Earth Energy</p>	<p>Effects of human population increase on the environment Effects of climate change Waste materials Recycling of materials</p>
<b>Year 9</b>	<p><u>Encourage students to respect other people</u> Pupils respect for one another is reinforced through the school behaviour policy.</p>	<p>Puberty, sexual intercourse, sexually transmitted infections, sexual myths, pregnancy, contraception, bringing up a child, teenage pregnancy, IVF, designer babies, abortion</p>	<p>Designer babies IVF and contraception Abortion</p>	<p>Abortion Designer babies Models of solar system - religious opposition Big bang theory Gravity Origins of life</p>	<p>Contraception, STIs Models of solar system of time</p>

Faculty: Science	British Values	Social	Moral	Spiritual	Cultural
<p><b>Year 10 &amp; Year 11</b></p>	<p><u>British values of democracy</u> Pupils are given the opportunity to have their voices heard through pupil interviews. During class discussions they are given the opportunity to express their views / opinions of ethical / moral situations of the impact of science on society and society on science.</p> <p><u>The rule of law</u> The Science Dept. follows the school behaviour policy which itself is a system of rules designed to ensure all pupils can learn within a safe environment. Within the curriculum there may sometimes be scope to learn about examples of how the rule of law is affected in terms of how science impacts on society and society impacts on science.</p> <p><u>Individual liberty</u> Pupils are taught in a supportive, safe environment and encouraged to exercise their rights and personal freedoms.</p> <p><u>Mutual respect and tolerance for those with different faiths and beliefs</u> Pupils are taught to respect one another including their beliefs and respect for personal decisions, reinforced through the school behaviour policy.</p> <p><u>Encourage students to respect other people</u> Pupils respect for one another is reinforced through the school behaviour policy.</p>	<p>Drug use in sport Alcohol, Smoking Hard drugs, soft drugs Exercise and health, statins Global warming/ atmospheric change Antibiotics/MRSA Recycling food waste, renewable energy resources, environmental damage, inherited diseases Cloning, GM crops, modern farming techniques Effects of environmental change on ecosystems, hormone treatments in menstrual cycle and IVF Food additives, plant oils &amp; health Energy efficiency in the home, insulation etc Household electrical safety Origins of Life Stopping distances Safety of X-rays, ultrasound, radiotherapy and scans 'Food miles', food production &amp; deforestation</p>	<p>MMR Inherited diseases Cloning GM crops Evaluation of medical/non medical claims Evaluation of fitness programmes/diets/slimming products Social, env and economic impact of renewable and non-renewable resource extraction from Earth Wegener's 'theory' of continental drift Origins of Life Nuclear energy - power &amp; weapons Drinking water purification/sterilisation Factory farming 'Food miles', food production &amp; deforestation Evaluate claims from sports drinks manufacturers</p>	<p>Darwin/Mendel/re ligion Wegener's 'theory' of continental drift Big Bang theory Origins of Life Gravity Factory farming</p>	<p>Semmelweiss &amp; hygiene Mendel &amp; genetics Darwin &amp; evolution Evaluation of fitness programmes/diets/slimming products Wegener's 'theory' of continental drift Origins of Life Diabetes treatments</p>