

| Aspect to consider | KS3 | KS4 |
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| Democracy | Student questionnaires and interviews. Votes and debates on use of nuclear/ renewable power | Student questionnaires and interviews. Votes and debates on use of nuclear/ renewable power. Discussion about voluntary / compulsory vaccination programmes |
| The Rule of Law | Legal and ethical views regarding genetic testing, termination of pregnancy, use of DNA by the police, drug use and testing. Debate about pollution, global warming, carbon emission – what governments can do. Clear rules and expectations of all students and resulting consequences for not complying Observe health and safety regulations when working with the laboratories | Legal and ethical views regarding genetic testing, termination of pregnancy, use of DNA by the police, drug use and testing. Debate about pollution, global warming, carbon emission – what governments can do. Legal and ethical views regarding use of brain damaged patients for research Clear rules and expectations of all students and resulting consequences for not complying Observe health and safety regulations when working with the laboratories Students carry out Risk assessments for core practicals |
| Individual Liberty | Science club. NSW events. Guidance in choosing in options with a view to future careers. Application of Science sessions with clear links to careers within Science Revision session. Students develop problem solving skills and Independent Study. | Economics of the chemical industry Revision sessions Discussion about lifestyle diseases and funding of the NHS. Eg Should smoking be banned? Guidance on post – 16 education and career options Students continue to develop problem solving skills and Independent Study. |
| Mutual Respect | Team activities using ideas from Kagan co-operative learning. Small group work during science investigations Letters / emails to international organisations | Team activities using ideas from Kagan co-operative learning. Cooperation during sharing resources during practical work Take responsibility to ensure that hazards are minimised and the working environment is safe to use. Revision session. |
| Tolerance of those of Different Faiths and Beliefs | Consideration of various religious views on organ transplantation. Consideration of various religious views on Theories of development of the structure of the Earth. Consideration of various religious views on evolution. Consideration of various religious views on termination of pregnancy. Consideration of various religious views on evolution. | Consideration of various religious views on termination of pregnancy. Consideration of various religious views on evolution Consideration of various views on the creation and use of Genetically Modified Organisms |