

Inset Day – Promoting Positive British Values

Curriculum Subject: Science.....

| | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
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| Year 5 | Classroom and safety rules – includes the law, tolerance and respect. | | Space – comparing geocentric and heliocentric models. Highlighting cultural differences, democracy and law. | Space – Russia vs. the USA – the race to space! Highlighting the cultural differences. | Forces – Breaking distances. Focussing on the law and protecting, wellbeing and safety. | Pupils to research famous scientists – opportunity to discuss gender, sex and cultural differences. |
| Year 6 | Classroom and safety rules – includes the law, tolerance and respect. | Electricity – comparing other countries and cultures. Understanding others and being grateful. | | Microbes – law – explaining what you can and cannot grow at school. Health and safety. | Dinosaurs; cultural differences e.g. the Chinese have found out a lot of research / information but they are only just starting to share it with other countries. | |

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| | | | | | Communist government vs. democracy debates. | |
| Year 7 | <p>Classroom and safety rules – includes the law, tolerance and respect.</p> <p>Cells – Van Leeuwenhoek and Robert Hooke’s ideas and contributions and how they collaborated their thoughts and findings (on the microscope).</p> | <p>Acids and alkalis – Hazcards and hazard symbols. Hazchem codes.</p> | <p>Natural selection vs. creationism – accepting other people’s views and opinions.</p> | <p>DNA – the collaboration of ideas to make the final model. Highlighting the differences in opinions and findings, and how they collaborated their ideas and helped each other.</p> | <p>Reproduction – Respecting other people’s views; the law for the age of consent; circumcision and culture; contraception and the opinions of different cultures; the IVF debate.</p> | <p>Renewable vs. non-renewable energy debates – writing.</p> <p>Bioaccumulation and the effects on the environment. Write to a local farmer or an MP task.</p> |
| Year 8 | <p>Classroom and safety rules – includes the law, tolerance and respect.</p> | | <p>Pupils as teachers to lead a Space topic.</p> <ul style="list-style-type: none"> -Leading. -Research. -Group work. | <p>Ecology – Laws and conservation.</p> | <p>Pupils to research famous scientists – opportunity to discuss gender, sex and cultural differences.</p> | <p>Bioaccumulation and the effects on the environment. Write to a local farmer or an MP task.</p> |

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| <p>Additional Opportunities (all of the time, not just in each half term)</p> | <p>Decision making. Voting.</p> | <p>Group work – combating discrimination. Tolerating, accepting and respecting other people’s views. Letting everyone have equal opportunities to talk and contribute etc.</p> | <p>Group work. Encouraging others.</p> | <p>Whole class discussions / debates about key issues or topics.</p> | <p>Being fair and consistent.</p> | |
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