

Y10 Twenty First Century Science A (J630) – all students Science – Exam Board OCR

**(Extra guidance for students who might choose to follow Triple science in extra information below
*)**

<p>When coursework set: Case Study – 23.10.09</p> <p>Data analysis – 21.1.10 (see * below)</p>	<p>When due. Draft: 6.11.09 Final: 4.12.09</p> <p>Draft: 29.1.10 Final: 12.2.10 (see * below)</p>
<p>How many pieces in total:</p> <p align="center">2</p>	<p>Class or home: Some research will be necessary at home for the Case Study. Adequate time will be given in class to complete both activities but if students fail to use this time wisely they may have to complete at home.</p>
<p>Description: Case Study – students investigate a controversial issue like ‘Should we use Nuclear Power’. They have to report into the science behind the subject, examine all sides of the arguments and draw reasoned conclusions. This has a precisely defined structure which students will be advised to follow. Data Analysis – Students will carry out a simple experiment and collect data. This data will be combined with that collected by other groups. Data will be displayed and analysed. Conclusions will be drawn and an evaluation carried out.</p>	<p>Parental help support: Case Study- Help with research on the issue. Video and/or speakers on the subject would also help. Discuss the issue to help students recognise the two sides of the argument. Thorough discussion will also help them see how to formulate a conclusion based on the information. Data Analysis- no real assistance can be given.</p>
<p>% Case Study – 20%</p> <p>Data Analysis – 13.3%</p>	<p>Resources students need: Access to computer, library and other resources. These will be available in school during lessons and at break, lunch and after school.</p>
<p>Revision Guides: Revision Guides are available from the Science Prep room. These are specific to the exam board and are sold at cost price.</p>	<p>Extra information: * Students will decide in May of Y10 whether they wish to follow the Triple Science route. This will involve another 2 sets of coursework (either an Investigation or Case Study and Data Analysis) being completed, one of which during June. Completion of these would mean they would have completed all coursework for the three awards.</p>
<p>Other: All students follow the first 9 modules of this Core Science Course. They are common to the Core GCSE (which is the first part of the Double Award) and the Triple award GCSE’s of Biology, Chemistry and Physics. A decision whether students wish to follow the Triple award will be made in May. Parents will receive a letter with the GCSE award indicated that staff feel will be best for their child. This will either be the Triple Award, or one of two Double Awards (either Additional Science or Additional Applied Science). www.ocr.org.uk</p>	

