



Year 10 Subject Leader Comments – Term 3

Subject	Subject Leader Comment
Art	Students have continued their investigation into the project 'Natural and Manmade Forms' by exploring the work of an artist. Students are beginning to work more independently on their own ideas, developing their investigations using taught techniques with acrylic paint. Analytical writing skills have also been a focus this term, through the study of artists' work, developing more artistic vocabulary and structure to written analysis. Through the exploration of photography, students will be working from their images to develop further ideas relating to a personal theme.
Biology	The Biology setting exams were two 60-minute papers covering all paper 1 GCSE topics (please see the exam breakdown on the report for details).
Chemistry	All Year 10 students completed the mock examination in Chemistry in Term 3. Questions used in the two Chemistry papers came from the AQA past exams and covered GCSE topics taught so far.
Computer Science	So far this year students have learnt the fundamentals of Python programming such as loops, if statements and variables. They have learnt about how data is represented on a computer with systems such as binary and hexadecimal. They have also looked at how a computer works on the inside, with components such as the CPU, RAM and storage that all work together to do what we command.
Design Engineering	Over the course of this term, students have been designing and making an electronic fair game project of their choice. This gives an opportunity for independent design of electronic games and how they count and inform the end user of the results, and how audio devices are manipulated to produce different tunes. All controlled by programmable 'PIC chips'. Students are also improving their diagnostic, coding and PCB manufacturing skills as they attempt their most advanced project to date. All the tasks are being assessed in line with the Design Engineering specification.
Drama	This term, students have been working on the initial stages of developing their Devised Drama NEA course work as designers and performers.



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English	<p>This term students completed their first GCSE key text, Macbeth. They have continued working on their literary analysis by exploring extracts from the text and considering the play in its broader sense for the General Essay. This culminated in their Mid-Year assessment which called on them to apply these skills to two GCSE style questions. In English Language, they have been considering approaches to Imaginative Writing in preparation for Paper 1, Section B of their GCSE.</p>
EPR	<p>In the thematic studies topics students examine life's ultimate questions and examine key issues/ideas that relate to how we ought to behave from a predominantly Christian perspective and a non-religious point of view. In the study of religion topics students explore the beliefs, teachings, and practices of Christianity and Islam. In the first half of this term, the students have been completing a topic that will appear on the study of religion paper: the beliefs, teachings, and practices of Christianity.</p>
French	<p>In Term 3, Year 10 have studied the topic of 'Customs and festivals.' The grammar focus has been on revising the perfect and imperfect tenses. They have also been developing their written and spoken French to include more complex grammatical structures. The Term 3 assessment consisted of one paper assessing writing skills.</p>
Geography	<p>GCSE geographers follow the OCR B Geography for Enquiring Minds (J384) specification. At the end of Year 11 they will sit three exam papers - the physical 'Our Natural World' exam, the human 'People and Society' exam and a decision-making skills paper, 'Geographical Exploration'. So far in Year 10 they have studied 'Global Hazards', and they have completed 'Urban Futures'. This grade is based on their most recent end of unit assessment on 'Urban Futures'.</p>
German	<p>This term, students have been studying the topic of Leisure and Free Time. Through this topic, they have continued consolidating their understanding and application of the present and future tenses, as well as learning to use the perfect tense, a key piece of grammar for the GCSE course. Additionally, students have been continuing to develop their receptive and productive language skills, focusing on listening comprehension and translation both into and out of German.</p>
History	<p>In terms 1 and 2, Year 10 students completed their study of the USA between 1920 and 1973. Students were regularly assessed by knowledge tests and exam style assessments. More recently, students have begun to explore the second GCSE topic, the First World War. Students have completed their study of the causes of the War and have considered how imperialism, nationalism, alliances, and militarism led to crises between the Great European Powers, and eventually the assassination of Archduke Franz Ferdinand. Students are currently</p>



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	continuing their study of the module by learning about the development of stalemate on the Western Front. Students have focussed on developing their ability to analyse the utility of sources for understanding a particular historical person or event. The attainment grade in this report is based on a consideration of regular knowledge tests, homework, and exam style assessments.
Mathematics	The mid-year assessments contained questions from most topics covered in the GCSE course so far. They provide the first formal indication of how the students are doing and are designed to inform students of weaker areas to work on. The material covered in Term 3 is from chapter 12 (Ratio and Proportion) and 8 (Probability). Each topic is studied in class, practised through homework and formally assessed by a teacher-marked test. All classes cover the same curriculum material and sit the same assessments. Details of the GCSE curriculum can be found on the department website https://mathematics.bourne-grammar.lincs.sch.uk . I also wish to remind you that Mathematics support is offered at the start of every lunchtime for those students keen to improve.
Music	In Terms 1 & 2 students analysed two of their eight set works: 'Defying Gravity' from Wicked the Musical and the 3rd Movement of Bach's Brandenburg Concerto No. 5. They have tried some exam style short answer questions as well as two longer answer questions with additional help and guidance. They have also been working on their composing skills and are all now in the middle of their first piece of composition coursework. Term 3 has seen the start of their third set work analysis, which is 'Killer Queen' by Queen.
PE (Core)	During the year students have opted for one of the three Leadership courses undertaken from September to April. These are now close to completion and have been focussed throughout the year in developing their organisation, planning and communication skills. In their Games lessons, students will be experiencing a range of activities that may include lacrosse, badminton, ultimate frisbee, table tennis, volleyball as well as more traditional activities undertaken in Years 7 to 9.
PE (GCSE Course)	Students are currently working their way through Paper 2 of the GCSE content. They have completed two assessments to date this year and an average grade for these has been used as current attainment. Practical grades and course work have yet to be factored in at this stage. These two areas will, in some cases, affect projected grades. Engagement grades are a combination of assessment results and the contribution made in lessons.
Physics	The attainment grade for term 3 is based on the Physics mid-year exam. This consisted of two one-hour papers covering the GCSE topics taught since the beginning of Year 9.



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Spanish	In term 3, our students have continued studying Theme 1 (Identity and Culture) covering the topics of 'Me, my family and friends' and 'Customs and festivals'. Our grammar focus has been on immediate future, preterite for regular and irregular verbs, imperfect tense, and object pronouns. We have also worked on our writing skills: translations from English into Spanish and essays (90 and 150-word tasks). This term's assessment consisted of the setting exam where we assessed our students' reading, writing and translation skills.
Statistics	Students have covered the first section of the course, which deals with Data Collection. Students have also conducted a Data Collection Project of their own design. Students are reaching the end of the second section of the course, which covers Data Representation, such as the drawing of pie charts, histograms, and box plots. Students will progress onto the third section of the course in the coming weeks, which deals with Averages and Skew.
Statistics and Further Maths	Students have covered the first two topics of the Statistics course, covering Data Collection and Data Representation. Students are at the end of their third topic of the Statistics course, covering Averages and Skew. Students will progress onto the penultimate topic of the Statistics course which deals with Correlation and Other Measures, including concepts such as index numbers and birth rates. Please note that the attainment grade is determined by the most recent assessment, while the projected grade takes into account all assessments.