



## Year 7 Subject Leader Comments – Term 2

Subject	Subject Leader Comment
Art	In Term 2, students have begun their second project of the year, Colour and Pop Art. Students have been exploring colour theory through the investigation of the colour wheel. Using watercolour and coloured pencil techniques has enabled students to create their own palette whilst simultaneously analysing the impact cool and warm colours can have on works of Art. Exploring Picasso's Blue Period and the paintings of Vincent Van Gogh have led to a variety of discussion and debate. Later in the term, the study of complementary colours has allowed for more abstract and atmospheric outcomes in coloured pencil.
Computer Science	This term students have learnt all about How the Internet Works, ranging from what the Internet and Search Engines are, to how data travels around a network in packets. They also took part in the Bebras Challenge, this tests their problem-solving skills and we have had a strong set of results this year.
Design Engineering	Over the course of this term, students have completed their 'Box' project and then started producing the 'soldering licence' project. This project is designed to introduce students to common components used in most electronic circuits, allowing them to identify them and read the values from the component. Students have also learned how to prepare a printed circuit board (PCB), drilling holes and then how to use a soldering iron while giving them experience using other common tools used safely and effectively in the making of PCBs. Students have then learned the basic use of digital multimeter to fault find electronic circuits. All the tasks are being assessed in line with the Design Engineering department's marking policy.
Drama	This term, Year 7 have worked on developing their skills with voice work, having rehearsed and then performed the short story The Creeping Mist.
English	In Term 2, students have begun their study of a novel, 'A Wrinkle in Time', with a focus on learning how to approach passage-based analysis, as well as evaluating the importance of some of the novel's key characters and themes using carefully selected evidence.



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EPR	EPR stands for: 'Ethics, Philosophy, and Religion.' It is via EPR that Religious Education is delivered. In the Ethics topics students examine key issues and ideas that relate to how we ought to behave. In the Philosophy topics students evaluate different people's responses to life's ultimate questions. In the Religion topics students learn about the religious traditions of the world. Students are presently concluding their study of a range of religious and secular worldviews in a topic called 'What is a Worldview?'
Geography	Year 7 Geography lessons give students a foundation to build upon in their future studies. They began their studies with a 'tour' around six of the world's continents and they are now practising their map skills, a very important aspect of Geography. This has involved thinking about direction, distance, four and six figure grid references, symbols and contour lines, and then applying this knowledge to a local OS map. They have also started to use their learning pathways and progression frameworks (ladders) to assess their own learning since joining the School.
History	In Term 2, students have studied the impact of the Norman Conquest and the ways that Norman rule changed England. Students have looked at the development of motte and bailey castles, resistance to Norman rule, the Feudal System, and the creation of the Domesday Book. Students have continued to develop their ability to explain, with a focus on explaining the extent of change. Students have been assessed by extended writing and regular knowledge tests.
Maths	Details of the Year 7 curriculum and supporting material such as revision materials can be found on the department website < <a href="https://mathematics.bourne-grammar.lincs.sch.uk/">https://mathematics.bourne-grammar.lincs.sch.uk/</a> >. Topics that have been covered this term include algebra, fractions and transformations. Students are expected to spend time at home ensuring they have learned the material covered in the lessons prior to an assessment and indeed the Dr Frost website is set up to allow them to generate questions from the various topics we study. After every two topics there is an assessment which covers both topics and includes problem solving questions. Please note that the "I know, I can" grade only reflects the result of the first assessment this year so may not yet be a true reflection of a student's ability.



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Music	In term 2, students have continued their initial exploration into the musical elements, focusing on Melody. They have learned some basic ways of describing Melody and reading music using staff notation. All students have studied the piece of music Ode To Joy by Beethoven and learned it on the keyboard. They have then tried to incorporate using their left hand to add an accompaniment. Various extension tasks based on Ode To Joy have also been used to stretch all students' abilities.
Physical Education	This term, students have continued with their programme of activities which are undertaken in a series of 6 lessons per activity. The focus in Year 7 is for students to grasp the basic skills and techniques required for each sport or activity and trying to establish consistency in performance. Boys are following the games of football, basketball or rugby, whilst the girls are being taught netball, hockey and football. Other activities being undertaken by all students through to the Easter break will be orienteering and problem solving, exercise education and fitness. All students will have learnt the basic components of a warm-up and had the opportunity to lead a small group of their peers through this. In addition, some students will have been given the opportunity to officiate or umpire in small game settings.
Science	Students are taught Biology, Chemistry and Physics by a Science teacher this year. Each subject is divided into three or four separate topics. In Terms 1/2 students have been covering the following topics in their Science lessons: 'Cells', 'Forces' and 'Acids and Alkalis'. Each topic contains a summative test, and some contain Investigative Skills Assessments (ISA); students' performance in all tests and assessments is used to measure their progress in Science.
Spanish	In term 2, students learned about 'Free Time', exploring topics such as free time activities, sports and hobbies. They also learned how to talk about the weather in Spanish to extend their sentences when speaking or writing about the topics covered this term. Our grammar focus was on the concept of infinitive, present tense for regular -AR verbs, irregular verb 'HACER' (to do) and stem changing verb 'JUGAR' (to play). Students had opportunities to develop their cultural awareness by learning about Christmas in Spain. The phonics' focus was on the following phonemes: L, LL, CA, CO , CU. The learning indicator in term 2 is based on continuous assessment carried out in lessons.