

KS4JB Curriculum Overview Autumn Term 2018

	Autumn 1	Autumn 2
<p>English <i>All students are studying towards a Functional Skills or GCSE English qualification at an appropriate level.</i></p>	<p>Students will be studying a wide range of techniques used to produce specific effects within literature. They will consider how language is used in different genres and by different authors and study the style of those authors. Students will use both formal and creative writing techniques and will work to develop their knowledge and skills.</p>	<p>Students will continue to study the prose and styles of different eras and will practice their techniques with a variety of subjects. They will be developing their own style and expanding their understanding of complex words and how to best use them. Students will be encouraged to read widely and consider how the English language functions.</p>
<p>Maths <i>All students are studying towards a Functional Skills or GCSE maths qualification at an appropriate level. Some may be attending lessons at Marriotts School.</i></p>	<p>Students will be covering the topics: Integers and place value, including negative numbers, addition, subtraction, multiplication, division, using brackets and the hierarchy of operations and rounding to estimate answers. Decimals including comparison and ordering, problems involving money and other metric measurements and rounding to a given number of decimal places or significant figures.</p>	<p>Students will be covering the topics: Indices powers and roots, including finding squares and cubes, recognising powers of 2, 3, 4 and 5, corresponding square and cube roots and using a calculator correctly and efficiently. Factors, multiples and primes, including recognition of odd, even and prime numbers, finding common factors and common multiples of two numbers and solving simple problems using the highest common factor and lowest common multiple.</p>
<p>Science <i>All students are studying towards GCSE Biology.</i></p>	<p>Students will learn about: Homeostasis, the function and structure of the nervous and endocrine systems, how the brain, eye work, kidneys and dialysis, blood glucose and diabetes and the effects of hormones on plants. Students will also learn about reproduction and contraception in humans in conjunction with PSHCE lessons. They will be given the opportunity to take part in practical work to test skin receptors, reflexes, controlling body temperature and the effects of light on plant auxins.</p>	<p>Students will learn about: Asexual and sexual reproduction and will be able to compare and contrast the two, sex determination, DNA, genetic inheritance and inherited disorders. They will have the opportunity to conduct extensive research into the historical aspects of our understanding and how this has changed. <i>Due consideration will be paid to the range of conditions that Lonsdale students are affected by and sensitivity will be shown when touching on these.</i></p>
<p>Computing/IT</p>	<p>Students will start the work needed to complete the coursework for the BTEC ICT qualification. The first assignment will be Website Development, looking at how websites work, how they are planned and designed, and how they are constructed. This assignment covers 50% of the qualification.</p>	<p>Continue with the coursework, for the assignment Website Development.</p>
<p>Knowledge and Understanding</p>	<p>RE – Students will be learning about the beliefs of the religions of the world.</p>	<p>RE - Students will be exploring how different religions might view current affairs and why.</p>
<p>PSHCE</p>	<p>Students will be covering Sex Education, safe sex and relationships, including online safety.</p>	<p>Students will be learning about personal finance, income, budgeting and opening a bank account.</p>

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<p>Creative (Art and Drama)</p>	<p>Art & Design: Create original artwork to portray Mood in response both to narrative text, and to images depicting given mood themes by different artists from various periods and genres. Learn and/or refine new techniques in different media related to their artwork themes, and develop and pursue personal studies in preferred areas of Art and Design. Regularly complete self-assessment exercises, and Art homework.</p> <p>Drama - photography and marketing, students will be developing their understand of photography and marketing through designing and making the 2019 school calendar.</p>	<p>Art & Design: Further study and application of given Elements of Art. Conduct a 'Critical Study' comprising an appreciation of Form, Context, Content, Process, Mood in the work of different given and chosen artists. Continue regular self-assessment exercises, and Art homework. Evaluation of term's work and target-setting.</p> <p>Drama - film studies: learning about the history of film, genre, camera shots, students will make and edit their own film using iMovie.</p>
<p>PE</p>	<p>Students will be focusing on invasion games for the whole of the Autumn term, they have 5 weeks of hockey, 5 weeks of football, 5 weeks of basketball.</p>	<p>They are aiming to improve their dribbling skills, spatial awareness, teamwork, tactics, attack & defence games and learn about some of the anatomy & physiology terms in regards to exercise.</p>
<p>Swimming</p>	<p>Pupils participate in weekly swimming sessions. Each student at Lonsdale follows individual targets in "Making Waves", Lonsdale's swimming award scheme.</p>	<p>Pupils participate in weekly swimming sessions. Each student at Lonsdale follows individual targets in "Making Waves", Lonsdale's swimming award scheme.</p>