






Literacy and Numeracy Monthly Updates

March 2024









Subject Updates

All subjects give a high importance to Reading, Literacy & Numeracy within their subject delivery for each year group. This is what is happening in each subject area with regards to Literacy & Numeracy this coming month

	Reading & Literacy	Numeracy
 <p>English</p>	<p>Key vocabulary is shared with students at the start of each new scheme of work, then revisited throughout the duration of the scheme. SPaG starters are used with all year groups to help improve students' technical accuracy. All KS3 classes have a Read Aloud lesson each week, and use Accelerated Reader to quiz on books they've read either in class or independently. Students are encouraged to complete the 'Starbooks Caught Reading' competition, and there is a rewards event for students who have filled their bookmarks. KS3 Students have also completed their next STAR reading tests and ZPD codes have been updated to reflect their latest results. There will be a programme of activities to celebrate World Book Day on 7th March.</p>	<p>We are calculating marks achieved and comparing these to grade boundaries at GCSE. We use the analogue exam clock with Years 10 and 11, so students know how to split and manage their time when answering questions. This clock has colour coded sections and has been shared in pre-exam briefing prior to the y11 mock exams. Students also see this in a pie chart breakdown.</p>
 <p>Maths</p>	<p>Reading recommendations are given to students on Google Classroom, this half term is An Abundance of Katherines for KS4 and The Thrilling Adventures of Lovelace and Babbage for KS3. Ensuring that keywords are shared in class and google classroom (KS3) for each topic. KS4 also have exam command words shared with them on google classroom. Scrabble style competition to raise knowledge of keywords available to all students through their google classroom this half term.</p>	<p>KS3 students are focusing on their times table knowledge. We continue to work on improving multiplication and division skills in Tutor groups. At KS4 we continue to work on improving their one and two mark answers in starters and quizzes. Tutor groups are focused on ensuring they can tackle the larger 3-5 mark questions better.</p>
 <p>Science</p>	<p>The science dept is currently trialling a new literacy strategy, involving a reciprocal reading activity followed by differentiated questions about the text. The topics for the texts are directly relevant to the areas currently being studied.</p>	<p>KS3 students are using the periodic table to calculate formula mass and will be calculating reactant masses and yields in chemistry. They are also beginning to use some of the energy equations in physics. KS4 students are completing calculations using the energy equations (e.g. KE, GPE), and triple science students will be completing titration calculations.</p>
 <p>History</p>	<p>KS3 will be starting new topics this half term and have all been given new recommended reads on their checkpoints, as well as some new substantive concepts to study! Students at KS4 will continue to develop source and interpretation analysis to help with their GCSE.</p>	<p>Students in year 10, are currently studying Medicine in Britain where we will continue to look at different time periods, and how these are converted from dates into centuries. Year 7 students will also develop their understanding of where the Aztecs sit in the chronological framework.</p>
 <p>Geography</p>	<p>Students will be focusing on explaining, through answering questions with a more detailed response using key terminology. Some KS3 classes will be using guided reading activities along with creating their own revision materials for checkpoints.</p>	<p>KS3 have been practising their graph analysis skills. Using IAN to structure their answers, along with practising their OS map skills. . This technique helps to prepare them for the GCSE course.</p>

To raise literacy attainment at every level of ability across all phases of a child's education - **supporting every child to be a reader**. We have a responsibility to promote and enhance students' literacy levels working together to systematically integrate the skills of listening, speaking, reading and writing across our curriculum. This will maximise the potential of each student and prioritise good literacy skills for learning and life.

Literacy and Numeracy Monthly Updates

 <p>Spanish</p>	<p>Y7 - Hombre de colour: Pupils decipher the meaning behind the poem and consider the message. KS3 are applying their phonics learning to read aloud texts with the aim of becoming accurately fluent. KS4 will be looking at reading texts in detail and answering questions in both English and Spanish.</p>	<p>Year 10 will be recapping how to tell the time in Spanish and reading timetables in Spanish.</p>
 <p>Art and Design</p>	<p>At KS3 students will be continually informed with key words that they are using within the production of their artwork in slide deck presentations and secondary source worksheets. KS4 students use a framework to help with annotations that support their work and independent research. Suggested reading section available for all students within all Google Classrooms.</p>	<p>Using the grid technique at both key stages helps student's understanding of scale and proportion. Precise measurements are crucial in understanding and developing accuracy and observational skills. This is further developed at KS4 with planning and creating presentation sketchbook work and even larger scaled work.</p>
 <p>Drama</p>	<p>KS3 students are exploring a range of different play texts including Shakespeare and John Godber. We have been exploring disciplinary literacy to ensure that students are using correct terminology at the correct times.</p>	<p>Students in year 9 are developing technical elements of drama meaning they are designing sets and lighting cues which requires a highly logical thinking and clear numeracy of timings.</p>
 <p>Music</p>	<p>In music we have been developing our understanding of the Blues and reading about the historical impact of this across modern music. We also continue to develop disciplinary literacy to ensure that correct terminology is used at all times.</p>	<p>Rhythms and tempos are being explored at ks3 level which involves counting and keeping to a beat regularly.</p>
 <p>Design & Technology</p>	<p>Lots of key terms and words will now be embedded with all projects. All students will be expected to fully understand their meaning and know how to use them when annotating their designs</p>	<p>Marking and measuring and checking for accuracy will be a big focus as the students begin to complete their practical work.</p>
 <p>PE</p>	<p>In Yr11 we will be looking at sentence structure and answering 8 mark questions in preparation for the exam in May. In Yr10 we will be looking at sentence structure and SPAG in their evaluation of the lesson taught.</p>	<p>In PE we will look at the scoring systems in a range of sports i.e. Badminton.</p>
 <p>Life</p>	<p>All students will do a big read in lessons, focusing on key language and technical vocabulary. We have book journeys for all students to engage and support them through their academic year.</p>	<p>Data and analysis takes part in lessons in order to gain factual knowledge about misconceptions that students believe in.</p>
 <p>ICT</p>	<p>KS3 will be using key words / terminology to successfully create code using a variety of different programming languages. The students will need to understand the sequencing and structure of the subject specific language. At KS4 we will continue to use literacy in depth when completing our coursework.</p>	<p>KS3 will be using numeracy as part of their programming tasks. Thesis will include the use of constants and variables along with a variety of different mathematical calculations.</p>