






Literacy and Numeracy Monthly Updates

April 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. The Easter rewards event will be taking place on 18th March. KS3 Students have also completed their next STAR reading tests and ZPD codes have been updated to reflect their latest results.</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>Key vocabulary is shared with students at the start of each new scheme of work, then revisited throughout the duration of the scheme. Keywords are also shared on Google Classrooms with each year group. There are in addition quizzes which are literacy based online. Classrooms have posters with nonfiction Maths related texts to encourage reading around the subject.</p>	<p>This half term KS3 has focused on negative numbers and averages from data. Calculating range, mode, median and mean from grouped and ungrouped data in various formats. Adding and subtracting with positive and negative integers has been explored.</p>
 <p>Science</p>	<p>The science dept is still 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 will be looking at the nutritional values of different foods (% content of different nutrients and calorie content). They are also beginning to use some of the wave equations in physics (e.g. calculating wave speed). KS4 students are completing calculations using the energy equations (e.g. KE, GPE), and calculating charge on ions by adding or subtracting electrons. Triple science students will be completing bond energy calculations.</p>
 <p>History</p>	<p>Students at KS4 will continue to develop source and interpretation analysis to help with their GCSE.</p> <p>Year 8 students will be studying sources linked to the Industrial Revolution and learning the skill of tracking text, and using quotes to support inference.</p> <p>Historical concepts will continue to be introduced to students, as they study each unit.</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.</p> <p>Year 7 students will also develop their understanding of where the Aztecs sit in the chronological framework.</p>
 <p>Geography</p>	<p>KS3 students have been practising their comprehension skills, reading sources and answering questions. Students have also been using coding as a form of text analysis.</p> <p>Students in Y10 have been reading sources and learning new vocabulary to build into their exam answers.</p>	<p>KS3 students will be analysing data during starter activities in the form of graphs. Students will also be practising drawing and labelling graphs linked to topics.</p> <p>Students in Y10 are currently studying urbanisation in Sheffield. They have been looking closely at two contrasting areas</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.

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		comparing demographic statistics.
 <p>Spanish</p>	<p>KS3 will be working on their phonics, conjugating irregular verbs and using the impersonal verb structure. KS4 will be practising developing extended speech in three time frames and translating accurately.</p>	<p>Y9 will be looking at statistics linked to the pollution of the Earth.</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>Students are focusing on telling scary stories in drama year 7. In year 10 we are completing component 1 which is a written presentation to showcase what we have learnt about a specific performance style.</p>	<p>We are developing specific skills in stage positioning and lighting and sound which require specific angles and levels based on percentages of effects.</p>
 <p>Music</p>	<p>Students have been researching different time periods of music and what effect they have had on modern culture. This is requiring high level research skills and then creating presentations reflecting this research.</p>	<p>Notation and understanding of finger placements added to rhythms and tempos of different musical styles is being taught at all levels in music at the moment.</p>
 <p>Design & Technology</p>	<p>In all years there should be spelling tests from the key words relevant to their projects. Also, the use of the key words in their project evaluations. Year 11 it will be understanding the terminology within the GCSE exams</p>	<p>Measuring and marking out will be the theme for most lessons, which includes checking they have the right amounts of the specific materials.</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 degrees on a compass and from this the location of points of interest.</p>
 <p>Life</p>	<p>Throughout the years students experience reading activities based on real life experiences that allow for students to understand more about the concepts that we explore.</p>	<p>Statistics and data play an important part in helping students in all years to understand similarities and differences,</p>
 <p>ICT</p>	<p>At KS3 we will be researching and reviewing the history of computer game consoles. This will involve independent research and review through reading multiple articles and websites. At KS4 we will develop our literacy skill through a wide array of revision and coursework completion.</p>	<p>We will continue to use numeracy throughout our computer science lessons where appropriate. This will include the continued use of binary and hexadecimal conversions.</p>