



Year 7 November Class Tests Revision List

English	Maths	Science
<p>Paper One: Comprehension (40 marks)</p> <p>This examination is divided into two sections:</p> <p>Section A: Reading Comprehension - 25 minutes</p> <p>Section B: Poetry Comprehension - 25 minutes</p> <p>Paper Two: Language and Novel (35 Marks)</p> <p>There are four sections on this paper:</p> <p><u>Section A:</u> This section is a test on of punctuation, particularly speech punctuation</p> <p><u>Section B:</u> This section is a test on parts of speech (noun, pronoun, verb, adjective, adverb, conjunction or preposition)</p> <p><u>Section C:</u> This section is a test on apostrophes.</p> <p><u>Section D:</u> This section is a test of writing based on the classes reading, knowledge and understanding of 'Holes' or 'Goodnight Mr Tom'. As all classes will be at different stages of the book, the question will be general.</p>	<ul style="list-style-type: none"> • To multiply numbers by 10, 100, 1000(whole numbers only) • To know multiplication tables up to 10x10 and corresponding division facts • To multiply HTU or TU by U or TU (double digit multiplier) using traditional or other method. • To apply multiplication techniques to contextualized questions • To divide numbers by 10, 100, 1000(whole numbers only) • To divide using a single digit divisor using short division • To divide using a double digit divisor using long division • To include questions with remainders • To find the difference between two numbers (one might be positive the other negative) • To add and subtract a list of numbers (Only change the signs when two signs meet) • To multiply and divide with negative numbers • To order a list of numbers both positive and negative (<i>which of two numbers is larger</i>) • To plot and read coordinates in all four quadrants • To write down the 	<ul style="list-style-type: none"> • Describe the position of the air-hole of a Bunsen burner in order to : a) light it b) use it for gentle warming c) for vigorous heating. Where is the hottest part of the flame ? Where is it not hot? • What are the three states of matter ? What is happening to the atoms/molecules of a substance when they are heated or cooled? Can you describe the properties of each state? • Can you explain, and give an example in each case , the following terms : melting, freezing, boiling, condensation, evaporation, solution, solvent, solute, insoluble, dissolving, sublimation, diffusion? • What is an element? What is the Periodic Table? What is a compound? Can you explain the difference between a compound and a mixture? • What is the difference between a metal and a non-metal? • How would you separate: sand and gravel, iron filings and sand, chalk and water, salt from water, water from

PLEASE NOTE:

All Year 7 classes will sit a creative writing assessment worth 25 marks before half term. The results of this assessment will be added to the class-test scores to produce an overall mark out of 100.

coordinates of a shape missing a corner

- To create own axes with equally spaced intervals
- To find the mean, mode, median and range from a list of numbers
- To construct a frequency table from a list of numbers
- To construct a grouped frequency table from a list of numbers with equal class intervals.
- To find mean, mode, median and range from a frequency table. (Modal class for grouped frequency table)
- To compare two sets of data using this information

- To find factors and multiples of a number.
- To know divisibility rules for 2,3,5, 6, 7, 8, 9 and 10
- To know the definition for a prime number and identify prime numbers up to 97.
- To know square numbers up to 15^2

- To shade in a given fraction of a picture
- To find equivalent fractions
- To arrange fractions in size order using equivalent fractions
- To simplify fractions using equivalent fractions
- To convert between proper and improper fractions (mixed to top heavy) and vice versa.
- To express a quantity as a fraction of another

salt (not the same thing!), alcohol from beer, colours in ink?

- Can you recognise and draw the following pieces of **equipment** : gauze, a tripod, a retort stand, a crucible, filter funnel, liebig condenser, an evaporating basin.

- What is given off when a **candle burns** and how do you **test** for those substances? What is the word equation?

- What conditions are required before iron will **rust**? Give the word equation. How can you prevent rusting?

- What is **density**? What **unit** is it measured in? What equation do you need in order to calculate it?