

# Maharishi School Curriculum Overview – Year 7

AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
<b>ENGLISH</b>					
<ul style="list-style-type: none"> <li>• Wk1 and 2 – teach/ revise key writing skill Wk3 – baseline assessments (writing and reading)</li> <li>• Wk4 onwards – begin reading a contemporary novel from Year 7 collection.</li> <li>• Develop skills of textual analysis – character, themes, language and structure.</li> <li>• Students to write 1 piece of descriptive writing, 1 persuasive and 1 review based upon the novel.</li> <li>• Reading – assessment through review writing</li> <li>• Writing – assessed through describe, persuade and review pieces</li> </ul>		<ul style="list-style-type: none"> <li>• Ballads and Narrative Poetry – formal essay – poetry analysis.</li> <li>• Writing to describe – linked to setting and mood.</li> <li>• Skills builder – reflective unit enables students to work on targeted areas. Focus on fundamental writing skills –use therapy and testing as appropriate.</li> </ul>		<ul style="list-style-type: none"> <li>• Macbeth</li> <li>• Reading – close textual analysis of 1 or 2 scenes – culminating in essay:</li> <li>• Writing – to argue: who is to blame for the death of Duncan?</li> <li>• Persuasive Skills – looking at a range of contemporary issues – practise debate and presentation skills; developing writing skills including formal and informal letters. Use some Pre C20th texts where possible. Look at range of different rhetorical styles and contexts.</li> </ul>	
<b>MATHS</b>					
<ul style="list-style-type: none"> <li>• Averages</li> <li>• Displaying Data</li> <li>• Statistics Project (ICT), Reaction Times</li> <li>• BIDMAS &amp; Basic Arithmetic</li> <li>• Written methods</li> <li>• Negative Numbers</li> <li>• Factors, Multiples, Primes &amp; Squares</li> </ul>	<ul style="list-style-type: none"> <li>• Function, Machines &amp; Substitution</li> <li>• Collecting terms &amp; Writing Formulae - Thinking Maths</li> <li>• Ordering &amp; Rounding Decimals</li> <li>• Reading Scales</li> <li>• Coordinates</li> <li>• Perimeter &amp; Area</li> </ul>	<ul style="list-style-type: none"> <li>• Simplifying &amp; Comparing Fractions</li> <li>• Adding &amp; Subtracting Fractions - Grid Method</li> <li>• Fractions, Decimals &amp; Percentages</li> </ul>	<ul style="list-style-type: none"> <li>• Understand and use vocabulary of probability</li> <li>• Understand probability scale</li> <li>• Calculate simple probabilities</li> <li>• Experimental Probability</li> <li>• Direct Proportion-Unitary Method</li> <li>• Ratios</li> <li>• Fractions &amp; Proportions</li> <li>• Percentages &amp; Proportion</li> </ul>	<ul style="list-style-type: none"> <li>• Lines, Angles &amp; 2D Shapes</li> <li>• Constructing Triangles</li> <li>• Angle Facts</li> <li>• Generating Sequences</li> <li>• Nth Term</li> </ul>	<ul style="list-style-type: none"> <li>• Plotting Straight Lines</li> <li>• Congruence, Symmetry, Reflection &amp; Rotation</li> <li>• Translation &amp; Enlargement</li> <li>• Combining Transformations</li> </ul>
<b>SCIENCE</b>					
<p>Cells</p> <ul style="list-style-type: none"> <li>• Observing Cells</li> <li>• Plant &amp; animal cells</li> <li>• Specialised cells</li> <li>• Movement of substances</li> <li>• Unicellular organisms</li> </ul> <p>Particles &amp; their behaviour</p> <ul style="list-style-type: none"> <li>• The particle model</li> <li>• States of matter</li> <li>• Melting &amp; freezing</li> <li>• Boiling</li> <li>• More changes of state</li> <li>• Diffusion</li> <li>• Gas pressure</li> </ul> <p>Forces</p> <ul style="list-style-type: none"> <li>• Introduction to forces</li> <li>• Squashing &amp; stretching</li> <li>• Drag forces &amp; friction</li> <li>• Forces at a distance</li> <li>• Balanced &amp; unbalanced</li> </ul> <p>Structure &amp; function of body systems</p> <ul style="list-style-type: none"> <li>• Levels of organisation</li> <li>• Gas exchange</li> <li>• Breathing</li> </ul>	<p>Elements, atoms &amp; compounds</p> <ul style="list-style-type: none"> <li>• Elements</li> <li>• Atoms</li> <li>• Compounds</li> <li>• Chemical formulae</li> </ul> <p>Sound</p> <ul style="list-style-type: none"> <li>• Waves</li> <li>• Sound &amp; energy transfer</li> <li>• Loudness &amp; pitch</li> <li>• Detecting Sound</li> <li>• Echoes &amp; ultrasound</li> </ul> <p>Reproduction</p> <ul style="list-style-type: none"> <li>• Adolescence</li> <li>• Reproductive systems</li> <li>• Fertilisation &amp; implantation</li> <li>• Development of a fetus</li> <li>• The menstrual cycle</li> <li>• Flowers &amp; pollination</li> <li>• Fertilisation &amp; germination</li> <li>• Seed dispersal</li> </ul>	<p>Light</p> <ul style="list-style-type: none"> <li>• Light</li> <li>• Reflection</li> <li>• Refraction</li> <li>• The eye &amp; the camera</li> <li>• Colour</li> </ul> <p>Working Scientifically</p> <ul style="list-style-type: none"> <li>• Asking scientific questions</li> <li>• Planning investigations</li> <li>• Recording data</li> <li>• Analysing data</li> <li>• Evaluating data</li> </ul>			

