

Maharishi School Curriculum Overview – Year 8

AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
ENGLISH					
<ul style="list-style-type: none"> • Baseline assessment – describe • Gothic horror (including Pre C20th texts) • Reading – close analysis of language using assessment provided (UNSEEN TEXT) • Writing – monologue writing linked to themes from reading texts • WW1 Poetry • Reading: comparison of 2 poems • Writing: Newspaper report – life in the trenches. 		<ul style="list-style-type: none"> • ‘A Midsummer Night’s Dream’ or ‘The Tempest’ – • creative exploration and development of S&L skills – especially drama. • Skills builder – reflective unit enables students to work on targeted areas. Focus on fundamental writing skills- use therapy and testing as appropriate. Use non-fiction texts. 		<ul style="list-style-type: none"> • Contemporary Novel - Reading for pleasure: finish/ read novel and Write to Review (book or film review) • Rhetorical Skills • Reading – exploration of range of arguments in the media 	
MATHS					
<ul style="list-style-type: none"> • Money • Squares, Cubes , Factors and Multiples • Written methods • BIDMAS & Calculator Skills • Area of 2D shapes • Surface Area & Volume • Converting units 	<ul style="list-style-type: none"> • Averages • Stem and leaf diagrams • Pie Charts and Two Way Tables • Misleading graphs and statistics • Simplifying, Substitution & Solving 1 Step Equations • Solving Equations • Brackets and Factorising 	<ul style="list-style-type: none"> • Interpreting Line, Conversion and Travel Graphs • Drawing Graphs of Real life problems • Simplifying Ratios • Divide in Ratio 	<ul style="list-style-type: none"> • Ordering, Basic multiplication and division with decimals • Multiplying & dividing by decimals • Classifying polygons • Angles in Triangles and Quadrilaterals • Angles in Polygons and Parallel Lines • Algebra and Angles 	<ul style="list-style-type: none"> • Adding & Subtracting Fractions • Multiplying & Dividing Fractions • Direct proportion • Gradient and Intercept • Equation of a straight Line 	<ul style="list-style-type: none"> • FDP • Expressing Amounts as Percentages • Percentage Increase and decrease • Solving percentage problems
SCIENCE					
<p>Health & lifestyle</p> <ul style="list-style-type: none"> • Nutrients • Food tests • Unhealthy diet • Digestive system • Bacteria & enzymes in digestion • Drugs • Alcohol • Smoking <p>The Periodic Table</p> <ul style="list-style-type: none"> • Metals & non-metals • The elements of group 1 • The elements of group 7 • The elements of group 0 <p>Electricity & magnetism</p> <ul style="list-style-type: none"> • Charging up • Circuits & current • Potential difference • Series & parallel • Resistance • Magnets & magnetic fields • Electromagnets • Using electromagnets 	<p>Ecosystem processes</p> <ul style="list-style-type: none"> • Photosynthesis • Leaves • Plant minerals • Chemosynthesis • Aerobic • Respiration • Anaerobic respiration • Food chains & webs • Distribution to food chains & webs • Ecosystems <p>Separation techniques</p> <ul style="list-style-type: none"> • Mixtures • Solutions • Solubility • Filtration • Evaporation & distillation • Chromatography <p>Energy</p> <ul style="list-style-type: none"> • Food & fuels • Energy adds up • Energy & temperature • Energy transfer: particles 	<p>Adaption & inheritance</p> <ul style="list-style-type: none"> • Competition & adaption • Adapting to change • Variation • Continuous & discontinuous • Inheritance • Natural selection • Extinction <p>The Earth</p> <ul style="list-style-type: none"> • The earth & its atmosphere • Sedimentary rocks • Igneous and metamorphic rocks • The rock cycle • The carbon cycle • Climate change • Recycling <p>Motion & pressure</p> <ul style="list-style-type: none"> • Speed • Motion graphs • Pressure in gases • Pressure in liquids • Pressure on solids • Turning forces 			

	<ul style="list-style-type: none"> • Energy transfer: radiation • Energy resources • Energy & power • Work, energy & machines <p>Metals & acids</p> <ul style="list-style-type: none"> • Acids & metals • Metals & oxygen • Metals & water • Metal displacement reactions • Extracting metals • Ceramics • Polymers • Composites 	
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HISTORY

<p>War, Plague and Revolt</p> <ul style="list-style-type: none"> • Edward I and castles • Edward I and Scotland - William Wallace • Robert the Bruce • The Black Death and its aftermath • The causes and consequences of the Peasants' Revolt 	<p>The Early Tudor Period</p> <ul style="list-style-type: none"> • War of the Roses • The Battle of Bosworth • The Mystery of the Princes in the Tower • Henry VII and Elizabeth of York • Henry VIII becomes king • Peace with France • Henry's problems • Henry's break with Rome • The Dissolution of the Monasteries 	<p>The Tudors - Henry VIII and Elizabeth I</p> <ul style="list-style-type: none"> • The death of Anne Boleyn • Henry's other wives • Edward VI • Elizabethan England • The reign of Elizabeth I • Elizabeth's problems, including Mary, Queen of Scots • Elizabeth's friends and enemies • The Spanish Armada • Portraits of Elizabeth I
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GEOGRAPHY

<p>Coasts: Waves & Tides; Landforms; How we use coasts; protecting the coasts from the sea..</p>	<p>Weather and climate: What is Weather? Causes, Measuring it, storms; Climate around the world.</p> <p>Our Warming Planet: Global warming, climate change; consequences and what we are doing about it.</p>	<p>Population: How the earth's population has grown & spread.</p> <p>Revising Map Skills</p>	<p>Using GIS (Geographic Information Systems) GIS to fight crime and other uses.</p> <p>Urbanisation: The rise of the numbers of people living in cities; UK Cities; The industrial Revolution; Slums; Making cities better</p>	<p>Asia: What & where it is. Countries and history, features & population.</p>	<p>Southwest China: Overview; History; Changing biodiversity; Tibet; Rivers & dams</p>
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ART

Overview of Art Line & composition, abstraction	Silkscreen Gesture drawing & 3-D models	Aborigine Art Experimental drawing Mosaic
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SPANISH

<p>Education School Subjects and Opinions Time and School Timetable Daily Routine School Facilities School Uniform and Clothes School Rules Future Tense (Compound)</p>	<p>Holidays Countries and Destinations Places to Stay Transport Holiday Activities Present Tense Review Complaints Preterite (Past) Tense Holiday Recommendations</p>	<p>Healthy Lifestyles Describing healthy lifestyles <i>Se debe/hay que/se tiene que</i> + verb <i>Es necesario que</i> + subjunctive structures</p> <p>Technology and Free-Time Types of Technology Technology + <i>Me gustaría</i> Uses of Technology</p>
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Jobs and Careers Jobs Places of Work Job Applications Future Jobs		Future Holidays Food and Drink Food and Drink Recap Ordering Food and Drink Describing Meal Preferences Describing Meals (3 Tenses)		Advantages/Disadvantages of Technology <i>Gracias a</i> + noun Social Media + Opinions Advantages/Disadvantages of Social Media	
CvIDS					
<ul style="list-style-type: none"> • We are here to enjoy • Growth • Order • Layers 	<ul style="list-style-type: none"> • Foundations • Roots • Steps • Action 	<ul style="list-style-type: none"> • We are here to enjoy • Action • Reaction 	<ul style="list-style-type: none"> • Purification • Problem solving • Fulfilment 	<ul style="list-style-type: none"> • We are here to enjoy • Knowledge • Consciousness • Harmony & Diversity 	<ul style="list-style-type: none"> • Parts • Wholeness • Celebrating Fulfilment
P.E.					
1 x Afternoon Per Week	1 x Afternoon Per Week	1 x Afternoon Per Week	1 x Afternoon Per Week	1 x Afternoon Per Week	1 x Afternoon Per Week

