



## Apple International School, Dubai

### Portions for Entrance Exam 2021-2022

<u>Year Level</u>	<u>English</u>	<u>Mathematics</u>
<u>Year 8</u>	<p><b>Reading:</b></p> <ul style="list-style-type: none"><li>· Reading comprehension.</li><li>· Types of Text</li><li>· Vocabulary</li><li>· Poetry</li><li>· Literary Devices (Figures of Speech)</li></ul> <p><b>Grammar</b></p> <ul style="list-style-type: none"><li>· Subject Verb Agreement</li><li>· Affixes</li><li>· Parallel Structure</li><li>· Adjectives</li><li>· Adverbs</li><li>· Preposition</li><li>· Conjunction</li><li>· Identifying Sentence Error</li></ul>	<p><b>Numbers and Number system</b></p> <ul style="list-style-type: none"><li>· Negative numbers</li><li>· BIDMAS</li><li>· Decimals</li><li>· Powers and roots</li><li>· Indices</li><li>· Multiples and factors</li><li>· Divisibility tests</li><li>· Operations on fractions</li><li>· Fractions- Mixed operations and word problems</li><li>· Fractions, decimals and percentages- conversions</li><li>· Sequence</li><li>· Functions and graphs</li><li>· Symmetry and transformations</li></ul>

	<p><b>Writing:</b></p> <ul style="list-style-type: none"> <li>· Diary Entry</li> <li>· Formal Letter</li> <li>· Friendly Letter</li> </ul>	<ul style="list-style-type: none"> <li>· Ratio and proportions</li> </ul> <p><b>Geometry and Measure</b></p> <ul style="list-style-type: none"> <li>· Shapes and constructions</li> <li>· Lines and angles</li> <li>· Properties of triangles and quadrilaterals and polygons</li> <li>· Solid shapes and constructions</li> <li>· Length, mass and capacity-Units and estimations</li> <li>· Geometry- Angles and coordinates</li> <li>· Time and rate of changes</li> <li>· Pythagoras theorem and applications</li> <li>· Area and perimeter- Rectangles, triangles, compound shapes</li> <li>· Nets &amp; 3D shapes with Volume of cube and cuboid</li> <li>· Transformations (Reflection Rotation and Translation)</li> </ul> <p><b>Handling data</b></p>
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<u>Year Level</u>	<u>English</u>	<u>Mathematics</u>
<u>Year 9</u>	<p><b>Reading and Response:</b></p> <ul style="list-style-type: none"> <li>· Unseen Passages</li> <li>· Purpose of Text</li> </ul> <p><b>Grammar:</b></p>	<p><b>Numbers and Number system</b></p> <ul style="list-style-type: none"> <li>· Working with numbers.</li> <li>· Indices powers and roots (square and cube roots)</li> </ul>

	<ul style="list-style-type: none"> <li>· Adjectives</li> <li>· Adverbs</li> <li>· Connectives</li> <li>· Prefix</li> <li>· Intensifiers</li> </ul> <p><b>Writing:</b></p> <ul style="list-style-type: none"> <li>· Writing an Email.</li> <li>· Argumentative Text</li> </ul>	<ul style="list-style-type: none"> <li>· Operations on Integers</li> <li>· Rounding and ordering.</li> <li>· Decimals</li> <li>· Fractions Decimals and percentages</li> <li>· Multiples and Factors</li> <li>· Percentage Increase and Decrease.</li> <li>· Mental Strategies</li> <li>· Rounding of numbers.</li> <li>· Ordering multiplying and Dividing Decimals.</li> <li>· Ratio and Proportion</li> </ul> <p><b>Geometry and Measure</b></p> <ul style="list-style-type: none"> <li>· Shapes and mathematical drawings</li> <li>· Constructions</li> <li>· Lines and angles</li> <li>· Congruency and nets</li> <li>· Symmetry</li> <li>· Length, mass, and capacity</li> <li>· Units of measure</li> <li>· Estimations</li> </ul>
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<u>Year Level</u>	<u>English</u>	<u>Mathematics</u>
<u>Year 10</u>	<b>Grammar:</b> <ul style="list-style-type: none"> <li>· Tenses</li> <li>· Phrases &amp; its types</li> <li>· Sentence Structure</li> <li>· Parallel Structure</li> <li>· Punctuation and Capitalization</li> <li>· Root words and Affixes</li> <li>· Adverbs</li> <li>· Active &amp; Passive Voice</li> </ul>	<b>Numbers and Number system</b> <ul style="list-style-type: none"> <li>· Working with numbers.</li> <li>· Indices powers and roots (square and cube roots)</li> <li>· Operations on Integers</li> <li>· Rounding and ordering.</li> <li>· Decimals</li> <li>· Fractions Decimals and percentages</li> <li>· Multiples and Factors</li> </ul>

	<ul style="list-style-type: none"> <li>· Nouns and its types</li> <li><b>Writing:</b></li> <li>· Main Idea &amp; Supporting Details</li> <li>· Inference</li> <li>· Summary</li> <li>· Contextual Clues</li> <li>· Magazine Article</li> <li>· News Article</li> <li>· Persuasive Writing</li> <li>· Letter Writing</li> <li>· Email Writing</li> <li><b>Reading &amp; Response</b></li> <li>· Comprehension Passage</li> </ul>	<ul style="list-style-type: none"> <li>· Percentage Increase and Decrease.</li> <li>· Ordering multiplying and Dividing Decimals.</li> <li>· Ratio and Proportion</li> <li>· Multiply and Divide decimals.</li> <li>· Rounding to significant figures and whole numbers.</li> <li><b>Geometry and Measure</b></li> <li>· Shapes and mathematical drawings</li> <li>· Lines and angles</li> <li>· Congruency and nets</li> <li>· Length, mass and capacity</li> <li>· Units of measure</li> <li>· Estimations</li> <li>· Angles in shapes and parallel lines</li> <li>· Area and perimeter</li> <li>· Circles</li> <li>· Pythagoras theorem</li> <li>· Nets, volume and surface Area</li> </ul>
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