Learning Group : Mathematics Course :

Level : Matthayom 6 Term : 2

Subject Code : MA30230

International Aptitude in Mathematics

Credits : 0.5

Number of Hours : 20

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| I. Geometry | 5 |  |  |  |
| 1. Circles  1.1. Arcs, Angles and Tangents  1.2. Arc Lengths and Areas of Sector  1.3. Inscribed Angles  1.4. Arcs and Chords  1.4. Equations of Circles | 1  1  1  1  1 | Problem Solving  Reasoning  Communication | Prepared Worksheet | Exercises  Quiz: SAT Practice  Exam |
| II. Trigonometry | 6 |  |  |  |
| 2.1. Trigonometric Ratios of  Acute Angles  2.2. The Radian Measure of an  Angle  2.3. Trigonometric Function of  General Angles and the Unit Circle | 2  2  2 | Problem Solving  Reasoning  Communication | Prepared Worksheet | Exercises  Quiz: SAT Practice  Exam |

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| III. Statistics and Data Analysis |  |  |  |  |
| 3.1. Statistics  3.1.1. Measures of Central Tendency  3.1.2. Standard Deviation  3.1.3. Graphical Display and Scatter  Plots  3.14. Population, Samples and  Random Selection | 5  2  1  1  1 | Problem Solving  Reasoning  Communication | Prepared Worksheet | Exercises  Quiz: SAT Practice  Exam |
| 3.2. Categorical Data and Probability  3.2.1.Permutation and Combination  3.2.2. Rules of Probability  3.2.3. Categorical Data and Conditional  Probabilities | 4  2  1  1 | Problem Solving  Reasoning  Communication | Prepared Worksheet | Exercises  Quiz: SAT Practice  Exam |

Teacher: Maria Christina Rezon