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 | 11111 | Problem SolvingReasoningCommunication | Prepared Worksheet | ExercisesQuiz: SAT PracticeExam |
| 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 | 222 | Problem SolvingReasoningCommunication | Prepared Worksheet | ExercisesQuiz: SAT PracticeExam |

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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 | 52111 | Problem SolvingReasoningCommunication | Prepared Worksheet | ExercisesQuiz: SAT PracticeExam |
| 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  | 4211 | Problem SolvingReasoningCommunication | Prepared Worksheet | ExercisesQuiz: SAT PracticeExam |

Teacher: Maria Christina Rezon