Summary of topic alignment: Primary 6 and JSS1 Mathematics

JSS1 Term 1	Primary 6 revision for JSS1
Number & numeration (revision) Count in multiples of a given whole number and in powers of 10 identify, read, write, compare and order whole numbers, up to 100,000,000 in numerals and in words, and locate them on a number line.	**TOPIC 1** **Term 1 M-06-001 to M-06-012:** Place value to 1,000,000 and to 10,000,000 Count in powers of 10; Read & write numbers up to 1,000,000 & 10 million Compare & order numbers (place value & number line)
M-07-001 to M-07-007: Factors, multiples, prime, composite, prime factors, HCF, LCM,	**TOPIC 2** **Term 1 M-06-041 to M-06-045:** Identifying and adding even and odd numbers Prime and composite numbers Factors and multiples, Prime factors Common factors, common multiples
M-07-008 to M-07-010: Squares and cubes using prime factors Higher power of whole numbers **M-07-011 to M-07-013:** Multiplying & dividing indices	**TOPIC 3** **Term 2 M-06-116 to M-06-120** Sequences of square and cube numbers, triangular numbers
M-07-023 to M-07-035: Decimal fractions, rounding off, calculations with four operations, estimation, problem solving	**TOPIC 4** **Term 2 M-06-086 to M-06-090** Denominator of 10, 100, 1000; decimals **TOPIC 5** **Term 1 M-06-013 to M-06-015:** Rounding off numbers **TOPIC 6** **Term 1 M-06-016 to M-06-019:** Add, subtract, multiply whole numbers **Term 1 M-06-020 to M-06-030:** Multiply and divide decimal numbers **Term 1 M-06-031 to M-06-040:** Multiply and divide by powers of 10 Word problems
M-07-014 to M-07-015: Fractions: read, write, compare, order, number line **M-07-016 to M-07-022:** Add, subtract, multiply, divide fractions	**TOPIC 7** **Term 2 M-06-071 to M-06-075** Fractions **TOPIC 8** **Term 2 M-06-076 to M-06-080** Add, subtract, multiply, divide fractions
M-07-036 to M-07-045: Percentages, fractions, decimals Percentage increase, decrease Word problems	**TOPIC 9** **Term 2 M-06-096 to M-06-100** Percentages, fractions, decimals

JSS1 Term 2	Primary 6
M-07-046 to M-07-050: Ratios, percentages, fractions, decimals	**TOPIC 9** *(Continued)* **Term 2 M-06-096 to M-06-100** percentages, fractions, decimals
M-07-051 to M-07-055: Ratio problems	**TOPIC 10** **Term 3 M-06-136 to M-06-150** Ratio and proportion (including finance) Word problems, direct proportion Word problems using decimals and percentage
M-07-056 to M-07-065: Integers, operations on integers; problem solving	*NOT DONE*
M-07-066 to M-07-070: Simple proportion, simple interest, discount, commission, tax	**TOPIC 11** **Term 2 M-06-101 to M-06-105** Percentage of a quantity, profit and loss. Word problems, simple interest
M-07-071 to M-07-075: Units of measurement, conversion of length. Mass, volume; review of plane shapes	**TOPIC 12** **Term 1 M-06-056 to M-06-060** Measuring length Conversion of lengths (feet & inches, mm, cm, m and km)
M-07-077 to M-07-080: Perimeter and area of rectangles, squares, triangles; problem solving	**TOPIC 13** **Term 2 M-06-081 to M-06-085** Perimeter & area of rectangles, squares, triangles **M-06-091 to M-06-095** Triangle types
M-07-081 to M-07-085: Circumference and area of circles; problem solving	*Not done*
M-07-086 to M-07-090: Volume of solids, cubes, cuboids, problem solving	*Not done*
M-07-091 to M-07-095: Angle types, measuring angles, find unknown angles **M-07-096 to M-07-100:** Angles on parallel lines; supplementary & complementary	**TOPIC 14** **Term 2 M-06-111 to M-06-115** Finding angles **TOPIC 15** **Term 3 M-06-131 to M-06-135** Angle types, angles in triangles, quadrilaterals, straight line
M-07-101 to M-07-105: Constructions	*Not done*

JSS1 Term 3	Primary 6
M-07-106 to M-07-110: Number patterns, variables	**TOPIC 16** **Term 1 M-06-046 to M-06-055** Increasing, decreasing number patterns; multiplication and division in number patterns
M-07-111 to M-07-115: Coefficients, like terms, simplifying expressions **M-07-116 to M-07-120:** Multiply, divide, factorise algebraic expressions, linear equations	*Not done*
M-07-121 to M-07-125: Cartesian Plane	*Not done*
M-07-126 to M-07-131: Data collection, tables, bar charts, line graphs	**TOPIC 17** **Term 2 M-06-061 to M-06-070** Data collection, reports, line charts **TOPIC 18** **Term 3 M-06-121 to M-06-124** Discrete and continuous data, bar charts, histograms
M-07-132 to M-07-140: Pie charts, comparing graphs, community survey, mean, median, mode, range, calculations, problem solving.	**TOPIC 19** **Term 3 M-06-125 to M-06-126** Reading pie charts **TOPIC 20** **Term 3 M-06-127 to M-06-130** Mean, median, mode
M-07-141 to M-07-150: Probability	*Not done*