

Summary of Topic Alignment

JSS1 and JSS2 Mathematics

| JSS2 Term 1 | JSS1 resources for JSS2 |
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| Lessons 1 – 5 (JSS2 PHB) Fractions and decimals | Lesson 14 to 22 (JSS1 PHB) Fraction worksheet Topic progress chart 3 |
| Lessons 6 – 10 (JSS2 PHB) Decimals, rounding off & significant figures Decimal numbers & rounding | <i>Lesson 23 to 28</i> (JSS1 PHB) Topic progress chart 5: decimals |
| Lessons 11 – 15 (JSS2 PHB) Add, subtract, multiply, divide integers and decimals Operations on integers and decimals | <i>Lesson 29 to 35</i> (JSS1 PHB) Topic progress chart 6 |
| Lessons 16 – 20 (JSS2 PHB) Factors, multiples, primes, composites, HCF & LCM | Factors, multiples, prime, composite Lesson 1 to 7 (JSS1 PHB) Topic progress chart 1 |
| Lessons 21 – 27 (JSS2 PHB) Index laws | Exponents Lesson 8 to 13 (JSS1 PHB) Topic progress chart 2 |
| Lessons 28 – 30 (JSS2 PHB) Negative indices (exponents) | |
| Lessons 31 – 35 (JSS2 PHB) Percentage, increase & decrease | Percentage <i>Lesson 36 to 45</i> (JSS1 PHB) Topic progress charts 8, 9 |
| Lessons 36 – 40 (JSS2 PHB) Profit and loss Percentages greater than 100 | |
| Lessons 41 – 45 (JSS2 PHB) Ratio, rate, unit rate, unit price | Ratio, rate <i>Lessons 46 to 55</i> (JSS1 PHB) Term 2 , Topic progress chart 1 |
| JSS2 Term 2 | |
| Lessons 46 – 55 (JSS2 PHB) Direct and indirect proportion | Direct and indirect proportion Lesson 66 (JSS1 PHB) Topic progress chart 1 Mostly NEW WORK |
| Lessons 56 – 58 (JSS2 PHB) Personal expenditure, income tax, sales tax | Every day maths Lessons 66 to 70 (JSS1 PHB) Topic progress chart 6 & 7 |
| Lessons 59 – 60 (JSS2 PHB) Time and duration Problem solving with time | |
| Lessons 61 – 64 (JSS2 PHB) Perimeter and area of rectangles, squares, Parallelograms, trapeziums and triangles | Perimeter and area Lessons 75 to 80 (JSS1 PHB) Topic progress charts 8 – 11 |
| Lessons 65 – 67 (JSS2 PHB) Perimeter and area of circles, composite shapes | Circles Lessons 81 to 85 (JSS1 PHB) Topic progress chart 8 – 11 |
| Lessons 68 – 74 (JSS2 PHB) Volume of solids, cubes, rectangular prisms, triangular prisms, cylinders, composite solids Volume story problems | Volume Lessons 86 to 90 (JSS1 PHB) Topic progress chart 12 |

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| Lessons 75 – 79 (JSS2 PHB) Surface area of solids, cubes, rectangular prisms, cylinders, composite solids Surface area story problems | NEW |
| Lessons 81 – 90 (JSS2 PHB) Angles, measuring angles, Finding unknown angles in triangles and quadrilaterals Sum of interior angles of a pentagon, a polygon; story problems | Angles Lessons 91 to 98 (JSS1 PHB) Topic progress chart 13 & 14 |
| Lessons 91 – 98 (JSS2 PHB) Transformations: translation, reflection, rotation; Line symmetry, rotational symmetry; Enlargement Combining transformations | NEW |
| Lessons 99 – 100 (JSS2 PHB) Scale factor | NEW |
| Lessons 101 – 105 (JSS2 PHB) Arithmetic patterns and geometric patterns | Number patterns Lessons 106 to 108 (JSS1 PHB, Term 3) Topic progress chart 1 |
| Lessons 106 – 107, 108 – 113 (JSS2 PHB Term 3) Simplifying, multiplying, expanding algebraic expressions (including integers and fractions) Algebraic expression story problems | Algebraic expressions Lessons 109 to 117 (JSS1 PHB) Topic progress chart 1 |
| JSS2 Term 3 | |
| Lessons 114 –117 (JSS2 PHB) Factorising algebraic expressions | Revise factors Lesson 118 (JSS1 PHB) Topic progress chart |
| Lessons 118 –120 (JSS2 PHB) Substitution | New |
| Lessons 121 –130 (JSS2 PHB) Linear equations and story problems | Linear equations Lessons 119 and 120 (JSS1 PHB) Topic progress chart |
| Lessons 131 –133 (JSS2 PHB) Plotting points in the Cartesian plane | Cartesian Plane Lessons 121 to 125 (JSS1 PHB) Topic progress chart |
| Lessons 134 –135 (JSS2 PHB) Table of values, graphing a line | New Topic progress chart |
| Lessons 136 –140 (JSS2 PHB) Data collection, tables, bar charts, line graphs; interpreting graphs | Data in tables and graphs Lessons 126 to 135 (JSS1 PHB) Topic progress chart |
| Lessons 141 –143 (JSS2 PHB) Mean, median, mode and range | Centre and spread of data Lessons 136 to 137 (JSS1 PHB) Topic progress chart |
| Lessons 144 –150 (JSS2 PHB) Pie charts, stem diagrams, statistical calculation | More graphs of data 138 to 140 (JSS1 PHB) Topic progress chart |