

# Content 5B

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| Revision (I)                                                                                                         |                 | • Topics from 1A to 5A                                                                                                                                                                                                                                                     | 4    |
| Revision (II)                                                                                                        |                 | • Topics from 1A to 5A                                                                                                                                                                                                                                                     | 6    |
| 1. Knowing Circles                  | Shape and Space | <ul style="list-style-type: none"> <li>✓ Knowing the centre of a circle</li> <li>✓ Knowing circumference, diameter and radius</li> </ul>                                                                                                                                   | 8    |
| 2. Making Circles                                                                                                    | Shape and Space | <ul style="list-style-type: none"> <li>✓ Drawing circles</li> </ul>                                                                                                                                                                                                        | 10   |
| 3. Cross Sections of 3-D Shapes    | Shape and Space | <ul style="list-style-type: none"> <li>✓ Knowing cross sections of prisms and cylinders</li> <li>✓ Knowing cross sections of pyramids and cones</li> </ul>                                                                                                                 | 12   |
| 4. Knowing Spheres                | Shape and Space | <ul style="list-style-type: none"> <li>✓ Knowing cross sections of a sphere</li> <li>✓ Knowing features of a sphere</li> </ul>                                                                                                                                             | 14   |
| 5. 3-D Shapes                     | Shape and Space | <ul style="list-style-type: none"> <li>✓ Knowing vertices and edges of 3-D shapes</li> <li>✓ Knowing cuboids and cubes</li> </ul>                                                                                                                                          | 16   |
| 6. Nets of 3-D Shapes             | Shape and Space | <ul style="list-style-type: none"> <li>✓ Knowing the nets of cylinders, cuboids and cubes</li> <li>✓ Making the nets of cuboids and cubes</li> </ul>                                                                                                                       | 18   |
| 7. Multiplication of Decimals(I)  | Number          | <ul style="list-style-type: none"> <li>✓ Multiplication of a decimal by a whole number</li> <li>✓ Multiplication of a decimal by another decimal</li> </ul>                                                                                                                | 20   |
| 8. Multiplication of Decimals(II)                                                                                    | Number          | <ul style="list-style-type: none"> <li>✓ Approximate values of decimals</li> <li>✓ Solving problems</li> </ul>                                                                                                                                                             | 22   |
| 9. Exploration of 3-D Shapes (Enrichment)                                                                            | Shape and Space | <ul style="list-style-type: none"> <li>✓ Understanding the relationship between numbers of sides of base, faces, edges and vertices of prisms</li> <li>✓ Understanding the relationship between numbers of sides of base, faces, edges and vertices of pyramids</li> </ul> | 24   |
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| 10. Division of Fractions                            | Number                                                                                 | <ul style="list-style-type: none"> <li>✓ Using fractions to express the results of the division of two whole numbers</li> <li>✓ Division of fractions with the divisor being a whole number</li> <li>✓ Division of fractions with the divisor being a fraction</li> </ul> | 30   |
| 11. Word Problems of Division of Fractions           | Number                                                                                 | <ul style="list-style-type: none"> <li>✓ Solving problems involving fractions</li> </ul>                                                                                                                                                                                  | 32   |
| 12. Calculation Involving Three Numbers              | Number                                                                                 | <ul style="list-style-type: none"> <li>✓ Division involving three numbers</li> <li>✓ Mixed arithmetic operations of three numbers</li> </ul>                                                                                                                              | 34   |
| 13. Algebraic Expressions and Simple Equations       | Algebra                                                                                | <ul style="list-style-type: none"> <li>✓ More on algebraic expressions</li> <li>✓ More on solving simple equations</li> </ul>                                                                                                                                             | 36   |
| 14. Knowing Volume                                   | Measures                                                                               | <ul style="list-style-type: none"> <li>✓ Recognising and comparing volume</li> <li>✓ Units of volume</li> <li>✓ Measuring volume</li> </ul>                                                                                                                               | 38   |
| 15. Finding Volume                                   | Measures                                                                               | <ul style="list-style-type: none"> <li>✓ Volume of cubes and cuboids</li> <li>✓ Volume of 3-D shapes</li> </ul>                                                                                                                                                           | 40   |
| 16. Chinese Numerals and Roman Numerals (Enrichment) | Number                                                                                 | <ul style="list-style-type: none"> <li>✓ Chinese numerals in elaborate form</li> <li>✓ Chinese numerals in ancient time</li> <li>✓ Roman numerals</li> </ul>                                                                                                              | 42   |
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