|  | Exercise | Dimension | Unit | Learning Objectives | Page |
| :---: | :---: | :---: | :---: | :---: | :---: |
| (1) | Angles and degree | Measures | Angles and degree | - Recognise degree <br> - Measure and compare the sizes of angles in degree Draw angles of given sizes | 4 |
| (2) | Pie charts | Data handling | Pie charts | Recognise and interpret pie charts | 6 |
| (3) | Time | Measures | Time and speed | Interconversion between units of time Solve problems related to time intervals | 8 |
|  | Speed (1) |  |  | Recognise the concept of speed Recognise metres per second ( $\mathrm{m} / \mathrm{s}$ ) and kilometres per hour (km/h) | 10 |
| (5) | Speed (2) |  |  | Solve problems related to speed | 12 |
|  | Travel graphs |  |  | - Interpret travel graphs | 14 |
| Formative Assessment 1 |  |  |  |  | 16 |
| (7) | Simple equations (1) | Algebra | Simple equations | Solve simple equations involving fractions, decimals or percentages Solve problems by using equations | 20 |
| (1) | Simple equations (2) |  |  | Solve simple equations involving like terms Solve problems by using equations | 22 |
| (1) | Simple equations (3) |  |  | Solve problems on finding the lengths of sides of a 2-D shape from its perimeter or area | 24 |
| (11) | Simple equations (4) |  |  | Solve problems on finding the original values by its given percentages or fractions | 26 |


|  | Exercise | Dimension | Unit |  | Learning Objectives | Page |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Broken line graphs (1) | Data handling | Broken line graphs | , | Recognise and interpret broken line graphs | 28 |
|  | Broken line graphs (2) |  |  | - | Construct broken line graphs | 30 |
| (13) | Uses and abuses of statistical charts |  | Uses and abuses of statistical chart | $\checkmark$ | Present the data with appropriate statistical charts Recognise the uses and abuses of statistical charts in daily life | 32 |
|  | Axial symmetry (1) | Shape and space | Axial symmetry |  | Recognise the concept of 2-D shapes having axial symmetry | 34 |
|  | Axial symmetry (2) |  |  | $\checkmark$ | Draw and make 2-D shapes having axial symmetry | 36 |
| Formative Assessment 2 |  |  |  |  |  | 38 |
| Summative Assessment |  |  |  |  |  | 42 |
| Challenging Common Mistakes |  |  |  |  |  | 52 |
| Glossary |  |  |  |  |  | 55 |

## Thaltudess

Unit Test Angles and degree
Unit Test Pie charts
Unit Test Time and speed
Unit Test Simple equations
Unit Test Broken line graphs
Unit Test Uses and abuses of statistical charts
Unit Test Axial symmetry
Answer Key

