**Core skills – Level 1**

**Four operations**

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| 1. Integer addition
 | A self-marking exercise on addition with increasing levels of difficulty.“[How we do Maths’](How%20we%20do%20Maths.docx) video available | <https://www.transum.org/software/SW/Starter_of_the_day/students/Basic_Addition.asp?Level=1> |
| 1. Integer subtraction
 | A self-marking exercise on subtraction with increasing levels of difficulty.““[How we do Maths’](How%20we%20do%20Maths.docx) video available | <https://www.transum.org/software/SW/Starter_of_the_day/students/Basic_Subtraction.asp> |
| 1. Decimal addition and subtraction
 | Practise mental and written methods for adding and subtracting decimal numbers.“[How we do Maths’](How%20we%20do%20Maths.docx) video available | <https://www.transum.org/Maths/Activity/Decimals/Add.asp> |
| 1. Integer multiplication
 | A self-marking exercise on multiplication with increasing levels of difficulty.“[How we do Maths’](How%20we%20do%20Maths.docx) video available | <https://www.transum.org/software/SW/Starter_of_the_day/students/Basic_Multiplication.asp?Level=1> |
| 1. Division
 | A self-marking exercise on dividing numbers of up to four digits by one or two-digit whole numbers using the formal written methods of short and long division“[How we do Maths’](How%20we%20do%20Maths.docx) video available | <https://www.transum.org/software/SW/Starter_of_the_day/students/Basic_Division.asp?Level=1> |

**Fractions**

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| 1. Equivalence
 | A screenshot of a cell phone  Description automatically generated | The following link takes you to the self-marking exercises listed on the left<https://www.mathsworkout.co.uk/number.php>Username: sarumPassword: solid92Select Number: 16 fractions and the list“[How we do Maths’](How%20we%20do%20Maths.docx) video available  |
| 1. Adding and subtracting,
 | A picture containing knife, table  Description automatically generated |
| 1. Multiplying fractions
 | A picture containing knife, table  Description automatically generated |
| 1. Multiplying mixed numbers
 | A picture containing knife, table  Description automatically generated |
| 1. Dividing fractions
 | A picture containing knife, table  Description automatically generated |

**Ratio**

|  |  |  |
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| Simplify | Graphical user interface, application  Description automatically generated | The following link takes you to the self-marking exercises listed on the left<https://www.mathsworkout.co.uk/number.php>Username: sarumPassword: solid92Select Number: 18 RatioComplete simplifying ratios 1 and 2 |
| Sharing & difference between | Go in to Flash ratio and complete target 3 for sharing in to a ratio and then complete the worksheet for next level upRatio worksheet – click the document below“[How we do Maths’](How%20we%20do%20Maths.docx) video available |

**Algebra -**

**Equations**

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| Equations | A series of exercises, in increasing order of difficulty, requiring you to solve linear equations. The exercises are self marking | <https://www.transum.org/software/SW/Starter_of_the_day/Students/Equations.asp?Level=1>“[How we do Maths’](How%20we%20do%20Maths.docx) video available |

**Averages**

|  |  |  |
| --- | --- | --- |
| Mode, median, mean and range | A screenshot of a cell phone  Description automatically generated | The following link takes you to the self-marking exercises listed on the left<https://www.mathsworkout.co.uk/number.php>Username: sarumPassword: solid92Select Statistics and Probability: 02 Mean, Median, mode & rangeFollow this link for a song to help you remember the methods for each one<https://www.youtube.com/watch?v=NZpPa1y0Pdk> |

**Area and perimeter**

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| 1. Perimeter
 |  Self marking questions for perimeter of a rectangle  | <http://weteachmaths.com/worksheetWizard.html>Shape and space 🡪 Perimeter of a rectangle |
| 1. Composite perimeter
 | Self marking questions for perimeter of rectilinear composite shapes | <https://www.bbc.co.uk/bitesize/guides/zsf39j6/test> |
| 1. Area
 | Self-marking questions for area of triangles (by drawing them first) | <http://weteachmaths.com/worksheetWizard.html>Shape and space 🡪 Area of a triangleThe following link takes you to the self-marking questions listed above:<https://mathsworkout.co.uk/geometry.php>Username: sarumPassword: solid 92Select Geometry: 10- Area |
| 1. Composite area
 |  |

**Angles**

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| --- | --- | --- |
| 1. Angles on a straight line
 |  | The link below takes you to self-marked questions on the topics listed to the left:<https://mathsworkout.co.uk/geometry.php>Select Geometry: 07- AnglesUsername: sarumPassword: solid92 |
| 1. Vertically opposite angles
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| 1. Angles in triangles
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| 1. Angles around a point
 |
| 1. Multistep angles
 | Use knowledge and reasoning to fill in the missing angles | <https://www.transum.org/Maths/Activity/Angle/Chase.asp?Level=2> |