## Liskeard School Year 9 Maths - Spring Term Knowledge Organiser

Enter these SPARX codes into the Independent Learning area on SPARX to generate questions to help you revise and consolidate your learning.

|  | SPARX CODE |  | SPARX CODE |
| :---: | :---: | :---: | :---: |
| Shape 2 (3D Shapes) |  | Calculating 3 (Maths and Money) |  |
| Names of 2D and 3D shapes |  | Bills and bank statements | M901 |
| Recognise prisms | M276 | Simple interest |  |
| Nets of cubes, cuboids and other 3D shapes | M518 | Compound interest | U332 |
| Plans and elevations | M228 | VAT |  |
| Volume of cube and cuboids | M765 | Wages and tax calculations |  |
| Volume of 3D shapes including prisms and cylinders | M697 M722 | Exchange rates | U610 |
| Surface area of cubes and cuboids | M884 | Unit pricing problems | M681 |
| Surface area of 3D shapes including triangular prisms | M534 M661 | Geometry 5 (Rotations \& Translations) |  |
| Surface area of cylinder | M936 | Rotational symmetry | M523 |
| (Higher) Volume of cones, pyramids and spheres | U426 | Rotate a shape about a point on a shape | M910 |
| FDP 6 (Using Percentages) |  | Rotate a shape about a point not on a shape |  |
| FDP equivalence | M958 M264 | Translations | M139 |
| Percentage of an amount | M437 M905 | (Higher) Series of transformations | M881 |
| Percentage increase and decrease (non-calculator) | M476 |  |  |
| Percentage increase and decrease using multipliers | M533 |  |  |
| Express change as a percentage | M235 |  |  |
| Reverse percentage change | M528 |  |  |
| Solve percentage problems (non-calculator) |  |  |  |
| Solve percentage problems (calculator) |  |  |  |
| (Higher) Repeated percentage change | U332 |  |  |

SPARX codes beginning with an $M=$ Key Stage 3 content and $U=$ GCSE content. You will need to ensure that you choose the correct curriculum
from the drop-down menu in 'Independent Learning' on SPARX.

