

## Maths Homework for Year 8

| Half Termly  | Details of Homework   | Details of Resources  |
|--|---|---|
| <b>First half term</b><br><b>Number work</b><br><b>Geometry &amp; measures</b>                           | <b>Primes, squares, factors &amp; multiples</b><br><b>BIDMAS</b><br><b>Area &amp; perimeter of 2d shapes, then compound shapes</b><br><b>Volume of cuboids (ext compound shapes)</b>                          | <a href="http://www.mymaths.co.uk">www.mymaths.co.uk</a><br><br>Mathswatch is on the portal |
| <b>Second half term</b><br><b>Number work</b><br><b>Data Handling</b><br><b>Number</b><br><b>Algebra</b> | <b>Fractions – finding amounts, comparisons, add &amp; subtract</b><br><b>Probability</b><br><b>Using a calculator correctly</b><br><b>Sequences</b>  | <a href="http://www.mymaths.co.uk">www.mymaths.co.uk</a><br><br>Mathswatch is on the portal |
| <b>Christmas</b>   |   |   |
| <b>Third half term</b><br><b>Number</b><br><b>Algebra</b><br><b>Geometry &amp; measures</b>              | <b>Reading scales, conversion of imperial &amp; metric units</b><br><b>Solving equations &amp; expanding brackets</b><br><b>Construction of angles and angle bisectors &amp; circles (ext complex shapes)</b> | <a href="http://www.mymaths.co.uk">www.mymaths.co.uk</a><br><br>Mathswatch is on the portal |
| <b>Fourth half term</b><br><b>Algebra</b><br><b>Data Handling</b>  | <b>Drawing straight line graphs, reading distance-time graphs</b><br><b>Drawing &amp; interpreting pie charts, designing questionnaires, stem &amp; leaf diagrams</b>   | <a href="http://www.mymaths.co.uk">www.mymaths.co.uk</a><br><br>Mathswatch is on the portal |
| <b>Easter</b>  |   |   |
| <b>Fifth first half term</b><br><b>Geometry &amp; measures</b><br><b>Number</b>                          | <b>Symmetry, reflection, rotation, enlargement &amp; translations of shapes</b><br><b>Angles in parallel lines</b><br><b>Converting mixed</b>   | <a href="http://www.mymaths.co.uk">www.mymaths.co.uk</a><br><br>Mathswatch is on the portal |

|  |  |   |
|--|--|---|
|  | <b>numbers to improper fractions – vice versa<br/>Multiplying &amp; dividing fractions</b> |   |
| <b>Sixth half term</b><br><br><b>Geometry &amp; measures</b> | <b>Surface area of 3d shapes, nets of 3d shapes, calculating volume</b>                    | <a href="http://www.mymaths.co.uk">www.mymaths.co.uk</a><br><br>Mathswatch is on the portal |