

**Barnsley Academy – (Year 8) (Maths) Curriculum Overview 2023-24**

| Autumn Term |                                   |                                   | Spring Term |  |  | Summer Term |  |                                   |
|-------------|-----------------------------------|-----------------------------------|-------------|--|--|-------------|--|-----------------------------------|
|             | Class Focus                       | Homework (Sparx)                  |             | Class Focus                              | Homework (Sparx)                         |             | Class Focus  | Homework (Sparx)                  |
| Week 1      | 8.01 Powers and Roots             | No Sparx set in Week 1            | Week 1      | 8.08 Angles in Parallel lines 1          | 8.08 Angles in Parallel lines 1          | Week 1      | 8.15 Area of Circles and Trapezia  | 8.13 Percentage calculations      |
| Week 2      | 8.01 Powers and Roots             | Sparx introduction                | Week 2      | 8.09 Interior and Exterior Angles        | 8.08 Angles in Parallel lines 1          | Week 2      | 8.16 Statistics 1  | 8.13 Percentage calculations      |
| Week 3      | 8.02 Prime factorisation          | 8.01 Powers and Roots             | Week 3      | 8.10 Circumference                       | 8.09 Interior and Exterior Angles        | Week 3      | 8.16 Statistics 1  | 8.14 Ratio                        |
| Week 4      | 8.03 Rounding                     | 8.01 Powers and Roots             | Week 4      | 8.10 Circumference                       | 8.09 Interior and Exterior Angles        | Week 4      | 8.16 Statistics 1  | 8.14 Ratio                        |
| Week 5      | 8.03 Rounding                     | 8.02 Prime factorisation          | Week 5      | RECAP / Closing The Gap                  | 8.10 Circumference                       | Week 5      | 8.17 Averages and Spread   | 8.15 Area of Circles and Trapezia |
| Week 6      | 8.04 Fractions                    | 8.03 Rounding                     | Week 6      | 8.11 Proportional reasoning              | 8.10 Circumference                       | Week 6      | 8.17 Averages and Spread   | 8.15 Area of Circles and Trapezia |
| Week 7      | 8.04 Fractions                    | 8.03 Rounding                     | Week 7      | 8.12 Fractions, Decimals and Percentages | 8.11 Proportional reasoning              | Week 7      | RECAP / Closing the Gap  | 8.16 Statistics 1                 |
| Week 8      | RECAP / Closing the Gap           | 8.04 Fractions                    | Week 8      | 8.12 Fractions, Decimals and Percentages | 8.11 Proportional reasoning              | Week 8      | 8.18 3D Visualisation  | 8.16 Statistics 1                 |
| Week 9      | 8.05 Solving equations 1          | 8.04 Fractions                    | Week 9      | 8.13 Percentage calculations             | 8.12 Fractions, Decimals and Percentages | Week 9      | 8.19 Volume  | 8.17 Averages and Spread          |
| Week 10     | 8.05 Solving equations 1          | 8.05 Solving equations 1          | Week 10     | 8.14 Ratio                               | 8.12 Fractions, Decimals and Percentages | Week 10     | 8.19 Volume  | 8.17 Averages and Spread          |
| Week 11     | 8.05 Solving equations 1          | 8.05 Solving equations 1          |             |  |  | Week 11     | Revision / Closing the Gap   | 8.18 3D Visualisation             |
| Week 12     | 8.06 Coordinates and Basic graphs | 8.06 Coordinates and Basic graphs |             |  |  | Week 12     | Revision / Closing the Gap   | 8.19 Volume                       |
| Week 13     | 8.07 Units of Measurement         | 8.06 Coordinates and Basic graphs |             |  |  | Week 13     | Revision / Closing the Gap   | 8.19 Volume                       |
| Week 14     | 8.07 Units of Measurement         | 8.07 Units of Measurement         |             |  |  | Week 14     | Revision / Closing the Gap   | Consolidation                     |
| Week 15     | 8.08 Angles in Parallel lines 1   | 8.07 Units of Measurement         |             |  |  |             |  |                                   |
| Assessment  | Unit tests at end of each unit    |                                   | Assessment  | Unit tests at end of each unit           |  | Assessment  | Unit tests at end of each unit<br><br>End of year – cumulative assessment – 1 hour |                                   |