**Hemingford Grey Maths Road Map Year 5**

***The curriculum below represents the typical progression in a typical year. Teachers may feel the need to adjust their overview and timings based on the emerging needs of the children.***

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| **Autumn** | Place Value and Rounding of Large Numbers Interpret Negative Numbers | Place Value of Numbers with up to Three Decimal Places | Multiply and Divide by 10, 100 and 1,000 Properties of Number – Multiples, Factors and Common Factors Prime and Composite Numbers | | Multiply and Divide Mentally Solve Problems Involving Knowledge of Key Facts | Add and Subtract Using a Range of Strategies | Add and Subtract Using Formal Written Methods | Formal Written Method for Multiplication | Formal Written Method of Short Division | Equivalent Fractions Compare and Order Fractions Adding and Subtracting Fractions | | |
| **Spring** | Problem Solving – All Four Operations | Multiply Fractions by Whole Numbers Fraction Problem Solving | Measure – Converting Units of Measure | Area Volume and Capacity | | Percentages Problem Solving – Percentages | | 3-D Shapes from 2-D Representations Reflection and Translation | Perimeter Estimate, Compare, Measure and Draw Angles Identify Unknown Angles | | | |
| **Summer** | Formal Methods for Division and Multiplication in Increasingly Complex Problems Strategies for Multiplication and Division (Mental and Written) | | Fractions, Decimals and Percentages Problem Solving | Solving Problems involving Scaling by Simple Fractions and Rates | Conversion of Imperial and Metric Units of Measure | Reading Timetables and Calculating with Time | Solve Problems involving the Four Operations | Distinguish between Regular and Irregular Polygons Use Properties of Rectangles | Statistics – Interpreting and Evaluating Information Presented in Charts and Tables | Roman Numerals | | |