Kingsway Primary School
Team 6 Curriculum Long Term Plan 2022-23


| Mathematics | Place value, addition, subtraction, multiplication and division <br> - Add and subtract whole numbers. <br> - Multiply up to 4 -digit by 1 -digit number. <br> - Short division. <br> - Division using factors. <br> - Long division <br> - Common factors. <br> - Common multiples. <br> - Primes. <br> - Squares and cubes. <br> - Order of operations. <br> - Mental calculations and estimation. <br> - Reasoning from known facts | Fractions <br> - Simplify fractions. <br> - Fractions on a number line. <br> - Compare \& order (denominator). <br> - Compare \& order (numerator) <br> - Add \& subtract fractions. <br> - Adding fractions. <br> - Subtracting fractions. <br> - Mixed addition and subtraction. <br> - Multiply fractions by integers. <br> - Multiply fractions by fractions. <br> - Divide fractions by integers <br> - Four rules with fractions. <br> - Fraction of an amount. <br> - Finding the whole. <br> Measurement - converting units <br> - Metric measures. <br> - Convert metric measures. <br> - Calculate with metric measures. <br> - Miles and kilometres. <br> - Imperial measures. <br> Geometry - position and direction <br> - Coordinates in the first quadrant. <br> - Coordinate in four quadrants. <br> - Translations. <br> - Reflections. | Ratio <br> - Use ratio language. <br> - Ratio and fractions. <br> - Introducing the ratio symbol. <br> - Calculating ratio. <br> - Using scale factors. <br> - Calculating scale factors. <br> - Ratio and proportion problems. <br> Algebra <br> - Find a rule - one step. <br> - Find a rule - two step. <br> - Use an algebraic rule. <br> - Substitution. <br> - Formulae. <br> - Word problems. <br> - Solve simple 1 step equations. <br> - Solve two step equations. <br> - Find pairs of values. <br> - Enumerate possibilities. <br> Decimals <br> - Three decimal places. <br> - Multiply by 10, 100 and 1,000. <br> - Divide by 10,100 and 1,000. <br> - Multiply decimals by integers. <br> - Divide decimals by integers. <br> - Division to solve problems. <br> - Decimals as fractions. <br> - Fractions to decimals | Percentages <br> - Fractions to percentages. <br> - Equivalent FDP. <br> - Percentage of an amount <br> - Percentages - missing values. <br> - Percentage increase and decrease. <br> - Order FDP <br> Perimeter, Volume And <br> Area <br> - Shapes - same area. <br> - Area and perimeter. <br> - Area of a triangle <br> - Area of a parallelogram. <br> - Volume - counting cubes. <br> - Volume of a cuboid. <br> Statistics <br> - Read and interpret line graphs. <br> - Draw line graphs. <br> - Use line graphs to solve problems. <br> - Circles. <br> - Read and interpret pie charts. <br> - Pie charts with percentages. <br> - Draw pie charts. <br> - The mean. | Properties of shape <br> - Measure with a protractor. <br> - Introduce angles. <br> - Calculate angles. <br> - Vertically opposite angles. <br> - Angles in a triangle. <br> - Angles in a triangle - special cases. <br> - Angles in a triangle - missing angles. <br> - Angles in special quadrilaterals. <br> - Angles in regular polygons. <br> - Draw shapes accurately. <br> - Nets of 3D shapes. <br> Consolidation | Problem solving, investigations and preparation for KS 3 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |


| Main Project Focus |  | fa | Frozen Geo | gdoms phy | Britain <br> Hist | War |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Science | Electrical circuits and components |  | Circulatory system |  | Light theory | Evolution \& inheritance |
| Art | Tints, tones and shades |  | Inuit, environmental artists |  | Distortion \& abstraction | Bees, beetles and butterflies |
| DT | Food for life |  | Engineer |  | Make do \& mend |  |
| Geography | Our changing world |  | Covered in main project |  | Place and interconnections Maps. |  |
| RE |  |  |  |  |  |  |
| Computing | Computer systems and networks Internet addresses | Creating media Web page creation | Programming A Variables in games | Data \& information Spreadsheets | Creating media 3D modelling | Programming B Sensing movement |
| Staying safe online | Online Relationships | Self-image and image sharing | Copyright and Ownership | Privacy and Security | Health, Wellbeing and Lifestyle | Online Reputation |
| Music Charanga (Original Scheme) | Happy <br> Style: Pop/ Motown | Classroom Jazz 2 <br> Style: Jazz, Latin \& Blues | A new year carol <br> Style: Benjamin Britten (Western Classic Music), Gospel, Bhangra | You've got a friend <br> Style: The Music of Carole King | Music and me <br> Style: Contemporary, music and identity | Reflect, rewind and replay <br> Style: Western Classic Music |
| Physical Education \& wellbeing | Health and Fitness | Gymnastics |  | Dance | Tactics and Strategies Basketball | Athletics |


| My Happy <br> Mind | My Happy Mind <br> Module 1: Meet Your Brain <br> Your brain and your mind are <br> different <br> Neuroplasticity <br> Team H-A-P | My Happy Mind <br> Module 2: Celebrate <br> Character strengths | My Happy Mind <br> Module 3: Appreciate <br> Attitude of gratitude | My Happy Mind <br> Module 4: Relate <br> Positive relationships <br> Active Listening <br> Diversity- Stop, <br> Understand, Consider | My Happy Mind <br> Module 5: Engage <br> Goal setting <br> Perseverance <br> Reflection |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| PSHE/RSE | Being me in my World | Celebrating Difference | Dreams and Goals | Healthy Me | Relationships | Changing Me |
| MFL <br> Spanish | Aprendo Espanol | Los Animales |  | Los Instrumentos | Caperucita Roja |  |

