

Jackdaws Maths - Autumn Term 1&2

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| Key Stage/Year | Upper KS4 |
| Approximate Number of Lessons and Term | Autumn Term 1 - 24 Autumn Term 2 - 32 |
| Qualification/Exam (if applicable) | Functional Skills Maths |

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| Consideration of prior learning | Work following SOW for previous classes from previous academic year, differentiation within the topic to provide for both lower and higher achievers |
| How will learners' knowledge, skills and understanding be checked at the start of the unit? | Teacher has already taught this group so knows each individual learners' strengths and areas for development |

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| How will learners' knowledge, skills and understanding be checked at the end of the unit? | Assessment tests covering topics covered in both terms and scores entered into Academic Tracker FS mock papers as part of assessment to allow familiarity with question type, length of paper and how to answer properly to gain the marks |
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| Learning Outcome | Approx. No. of Lessons | Potential Activities | Behaviour/Safety/Personal Development/SMSC Opportunities |
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| Revision/Assessment | 2 | Practise FS maths papers according to level | Exam conditions Working to time Clear presentation Reading information carefully Managing anxiety |
| Place value | 4 | Numbers up to million Comparing and ordering of numbers Rounding numbers Negative numbers | Comparison of prices Temperature Money and measurements to the nearest unit |
| Number | 8 | Addition and subtraction - column method Inverse operations Multi step addition and subtraction problems Multiply 2 digits - area model Multiply 2 digit by 2 digit - different methods Short division Long division using short method | How to change numbers to make the units the same such as pence and pounds for real life calculations |
| Measure | 8 | Area and perimeter Compound area & perimeter Area of a triangle and rectangle Area of a parallelogram Volume - cubes and cuboids | Carpets and flooring Gardening Volume of a container Comparison of how much something can contain |
| Shape and space | 8 | Drawing lines and angles accurately | Directions |

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| | | <p>Measuring Types of angle Angles on a line and around a point Opposite angles Angles in a triangle and a quadrilateral Nets of 3D shapes</p> | <p>Scale diagrams Turns/rotations Packaging</p> |
| Data | 4 | <p>Line graphs - draw and interpret Bar charts - draw and interpret Pie charts - draw and interpret</p> | <p>Travel Comparison Popular choices and difference between</p> |
| Revision/Assessment | 2 | <p>Practise FS maths papers according to level</p> | <p>Exam conditions Working to time Clear presentation Reading information carefully Managing anxiety</p> |
| Fractions | 4 | <p>Unit and non unit fractions Fractional representations Find half, quarter, third</p> | <p>Use of fractions in real life context</p> |
| Fractions | 4 | <p>Counting in Tenths Common fractions as decimals Equivalent fractions</p> | <p>Use of decimals in real life measures and conversions</p> |
| Measure | 4 | <p>Measuring perimeter Calculating perimeter Area of a rectangle Area of compound shape</p> | <p>Flooring Gardens DIY</p> |
| Decimals | 4 | <p>Tenths and hundredths as decimals Divide 1 and 2 digits by 10</p> | <p>Money and measures</p> |

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| | | Divide 1 and 2 digits by 100 | |
| Revision and assessment | 4 | CGP books and FS papers | Exam conditions Using time Checking Coming back to things again |
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| <p>Possible Adaptations for Higher and Lower Achievers</p> | <p>Higher achievers - larger and more complex numbers, worded problems, creating their own questions for partner to solve, development of checking strategies, more challenging tasks set on My Maths Lower achievers - Sums set out more clearly and spaced more widely, scaffolding provided in terms of step by step approach, creating question for an answer provided to promote thinking, further consolidation of key skills using My Maths or lower level worksheets from WRM. Physical apparatus to develop understanding. Working as a group.</p> |
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