Black Beauty Maths - Autumn Term 1&2

Key Stage/Year	Lower KS2
Approximate Number of Lessons and Term	Autumn Term 1 - 124 Autumn Term 2 - 232
Qualification/Exam (if applicable)	KS2 SATs

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

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 Year groupSATS papers as part of assessment to allow familiarity with question type, length of paper and how to answer properly to gain the marks

Learning Outcome	Approx. No. of Lessons	Potential Activities	Behaviour/Safety/Personal Development/SMSC Opportunities
Place value	12	Comparing and ordering of numbers Count in 50s 100s, 10s, 1s Partitioning The number line to 10000 Rounding numbers to nearest 10,100,1000	How many? Comparison of prices Temperature Money and measurements to the nearest unit
Number facts (+/-)	8	Add and subtract 100s Spotting patterns Mixed addition and subtraction Add 3 digit numbers not crossing 100, or 10 Subtracting 3 digit numbers no exchange	Real life calculations Money
Number facts (x/÷)	8	Consolidate 2,4,8,times tables Scaling How many ways?	Investigating skills
Review and assess	4	End of topic assessments	Working in exam conditions Clear presentation Managing anxiety
Number facts (x/÷)	18	Multiples Factors Common factors Prime numbers Square numbers Cube numbers	Recognising patterns Sharing equally Real life calculations and understanding if the answer is appropriate

		X by 10,100,1000 ÷ by 10,100, 1000 Multiples of 10 Multiply 4 digits by 2 digits Short division DIvision using factors Order of operations	
Revision/Assessment		End of to Practise EL maths papers according to level	Exam conditions Working to time Clear presentation Reading information carefully Managing anxiety

| **Possible Adaptations for Higher and Lower Achievers** | 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. |