Sea Biscuit Maths - Autumn Term 1&2

Key Stage/Year	KS2
Approximate Number of Lessons and Term	Autumn Term 1 - 24 Autumn Term 2 - 32
Qualification/Exam (if applicable)	KS2 SATs (aspirational target)

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. Assessment will take place at the beginning and at the end of each topic of work.

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 group SATS 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 and counting	12	Find 1 , 10 , 100, 1000 more or less Compare 4 digit numbers Order numbers Negative/Directed numbers Roman numerals Numbers to 10000	How many? Comparison of prices Temperature Examples of very large numbers
Number facts (+/-)	12	Addition and subtraction of 4 digit to 4 digit with no, 1 and more than 1 exchange Efficient subtraction Estimate answers Checking strategies	Real life calculations Money
Review and assess	4	End of topic assessments Y5 SATs style assessment	Test conditions Good presentation Coming back to questions
Number facts (x/÷)	16	11 and 12 times tables Multiply 3 numbers Factor pairs ÷ by 2, 5 and 10 ÷ by 3,4, and 8 X 2 and 3 digits by 1 digit Divide 2 and 3 digits by 1 digit Correspondence problems	Investigating skills Patterns in times tables as a remembering strategy Inverse operations
Fractions	8	Equivalent fractions	Fractions in real life

		Fractions greater than 1 Improper fractions to mixed numbers and vice versa Compare and order fractions less than 1	
Review and assess	4	End of topic assessments KS2 SATs style questions	Working in exam conditions Clear presentation Managing anxiety

Possible Adaptations for Higher and Lower Achievers	Higher achievers - larger and more complex numbers, worded problems, creating their own questions for a 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, support from key staff and individual and small group intervention where necessary.