Medium Term Maths – Spring 1 – Year 5

Counting
Weekly times table counting
Counting in tens, hundreds, thousands and ten thousands for rounding

Place value within 1,000,000
Round any number up to 1,000,000 to the nearest 10, 100, 1,000, 10,000 and 100,000.
Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero.
Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000
Solve number problems and practical problems that involve [reading, writing, ordering and comparing numbers to at least 1,000,000 and determining the value of each digit].
Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit.

Statistics
Complete, read and interpret information in tables, including timetables.
Solve comparison, sum and difference problems using information presented in a line graph.

Exceeding Expectation
Missing number problems

Find the most efficient method

Hook for learning:
Links to history and science learning challenges

Learning Challenge links
Plot dates accurately on a timeline using 4-digit numbers.

Multiplication and division
Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers.
Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context.
Multiply and divide numbers mentally drawing upon known facts.

Non-negotiables:
Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit.
Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers.
Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context.

Meeting Expectations
Round any number up to 1,000,000 to the nearest 10, 100, 1,000, 10,000 and 100,000.
Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000
Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit.
Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers.
Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context.

Maths –Weekly – Year 5

Week 1: Place Value within 1,000,000
Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit.
Solve number problems and practical problems that involve [reading, writing, ordering and comparing numbers to at least 1,000,000 and determining the value of each digit].

Arithmetic- Daily Flashback 4
Focus: Short division

Week 2: Place Value within 1,000,000
Round any number up to 1,000,000 to the nearest 10, 100, 1,000, 10,000 and 100,000.
Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero.
Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000
Solve number problems and practical problems that involve [reading, writing, ordering and comparing numbers to at least 1,000,000 and determining the value of each digit].

Arithmetic- Daily Flashback 4
Focus: Addition and subtraction problems

Week 3: Multiplication and Division
Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers.
Multiply and divide numbers mentally drawing upon known facts.

Arithmetic- Daily Flashback 4
Focus: Negative numbers

Week 4: Multiplication and Division
Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers.
Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context.

Arithmetic- Daily Flashback 4
Focus: Factors and multiples

Week 5: Multiplication and division-
Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context.

Arithmetic- Daily Flashback 4
Focus: Prime numbers

Week 6: Statistics- Graphs and tables- Assessment Week
Complete, read and interpret information in tables, including timetables.
Solve comparison, sum and difference problems using information presented in a line graph.

Arithmetic- Daily Flashback 4
Focus: Square numbers