

Year 4 Maths – Spring 2

Counting

- Count in multiples of 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12.
- Count in 10s, 100s, 1000s
- Count in 25s and 50s
- Count in 0.1, 0.01
- Count back through zero

Non-negotiables:

- Recall multiplication facts for all times tables up to 12×12
- Multiply using the formal column method
- Divide using partitioning or the bus stop method

fractions

- Add 2 or more fractions
- Subtract 2 fractions
- Subtract from whole amounts
- Calculate fractions of a quantity
- To solve problems involving calculating fractions of quantities

Decimals

- Introduce the decimal point and how it is used to write tenths. Count in tenths.
- Extend understanding to tenths greater than 1.
- Represent tenths on a number line.
- Understand what happens when we divide a 1-digit number by 10 and when we divide a 2-digit number by 10.
- Understand that a hundredth is 0.01.
- Count forward and backwards in hundredths.

Learning Challenge links

LC – to calculate using time, dates and years in a Victorian investigation

Exceeding Expectations

Challenge activities for each objective (deepening understanding, white rose deeper questions)

Maths –Weekly

morning maths: MyMiniMaths week 3 multiplication formal method

Week 1: fractions

Add 2 or more fractions, subtract 2 fractions, subtract from whole amounts, find fractions of a set of objects

morning maths: MyMiniMaths week 4 division formal method

Week 2:

Assessment week

morning maths: MyMiniMaths week 9 order and compare numbers beyond 1000

Week 3: fractions

Calculate fractions of a quantity, solve problems that involve calculating quantities

morning maths: MyMiniMaths week 22 use place value to divide by 10 and 100

Week 4: fractions/decimals

Recognise tenths and hundredths, understand tenths as decimals, place tenths on a place value grid

morning maths: MyMiniMaths week 25 calculating factor pairs of numbers

Week 5: decimals

Place tenths on a number line, divide 1-digit by 10, divide 2-digits by 10, represent hundredths

Times table focus: 6

M **counting 6** Rock Stars Garage

T **counting 25**

W **counting 6** Rock Stars Soundcheck

Th **counting 6** Rock Stars Studio

Fr **counting time**

Times table focus: 7

M **counting 7** Rock Stars Garage

T **counting 25**

W **counting 7** Rock Stars Soundcheck

Th **counting 7** Rock Stars Studio

Fr **counting decimals**

Times table focus: 8

M **counting 8** Rock Stars Garage

T **counting 8**

W **counting 8** Rock Stars Soundcheck

Th **counting 8** Rock Stars Studio

Fr **counting time**

Times table focus: 9

M **counting 9** Rock Stars Garage

T **counting 9**

W **counting 9** Rock Stars Soundcheck

Th **counting 9** Rock Stars Studio

Fr **counting decimals**

Times table focus: 12

M **counting 12** Rock Stars Garage

T **counting 12**

W **counting 12** Rock Stars Soundcheck

Th **counting 12** Rock Stars Studio

Fr **counting time**

Times table focus: 2, 5, 10

M **counting 2, 5, 10** Rock Stars Garage

T **counting – back through zero**

W **counting 2, 5, 10** Rock Stars Soundcheck

Th **counting 2, 5, 10** Rock Stars Studio

Fr **counting – add and subtract 1000 by counting**