

Year 4 Maths – Spring 1

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

Learning Challenge links

LC – to find the local time in another city around the world using time differences (time zones)

Non-negotiables:

- Recall multiplication facts from the previous year group
- Multiply using the grid method
- Divide using partitioning

Geometry - area

- To understand the concept area
- To calculate area by counting squares
- To make shapes with a given area
- To compare the area of a range of shapes.

Multiplication and division

- Multiplying and dividing by 11 and 12
- 11 and 12 times tables
- Multiply 3 numbers
- Find factor pairs
- Use efficient methods for multiplication
- Use written methods to solve multiplication and division questions
- Multiply 2-digit by 1-digit numbers
- Multiply 3-digit by 1-digit numbers
- Divide 2-digit by 1-digit numbers
- Divide 3-digit by 1-digit numbers
- Solve correspondence problems

fractions

- To recognise unit and non-unit fractions
- To understand how to write/interpret fractions
- To find equivalent fractions
- To understand the representation of fractions greater than 1
- To count in fractions

Exceeding Expectations

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

Maths –Weekly

morning maths: MyMiniMaths week 10 – count in tenths and hundredths

Week 1: multiplication and division

11- and 12-times tables, multiply 3 numbers

morning maths: MyMiniMaths week 12 – recall times tables up to 12 x 12

Week 2: multiplication and division

Factor pairs, efficient multiplication, written methods, multiply 2-digits by 1-digit

morning maths: MyMiniMaths week 15 – round numbers to the nearest 10, 100, 1000

Week 3: multiplication and division

Multiply 3-digits by 1-digit, divide 2-digits by 1-digit

morning maths: MyMiniMaths week 13 – use inverse operations to check calculations

Week 4: multiplication and division

Divide 2-digits by 1-digit, divide 3-digits by 1-digit, correspondence problems

morning maths: MyMiniMaths week 16 – converting between different units of measurement

Week 5: area

What is area? Counting squares, making shapes, comparing area

morning maths: MyMiniMaths week 19 – counting through zero into negative numbers

Week 6: fractions

Recap unit and non-unit fractions, what is a fraction, equivalent fractions

morning maths: MyMiniMaths week 20 – compare the values of two quantities

Week 7: fractions

Equivalent fractions, fractions greater than 1, count in fractions

Times table focus: 3 and 6

M x

T x

W **counting 3, 6** Rock Stars Soundcheck

Th **counting 3, 6** Rock Stars Studio

Fr **counting time**

Times table focus: 4 and 7

M **counting 4, 7** Rock Stars Garage

T **counting 10s, 100s, 1000s – add and subtract by counting**

W **counting 4, 7** Rock Stars Soundcheck

Th **counting 4, 7** Rock Stars Studio

Fr **counting decimals 0.1/0.01**

Times table focus: 6 and 11

M **counting 6, 11** Rock Stars Garage

T **counting 25s and 50s**

W **counting 6, 11** Rock Stars Soundcheck

Th **counting 6, 11** Rock Stars Studio

Fr **counting fractions 1/10**

Times table focus: 8 and 12

M **counting 8, 12** Rock Stars Garage

T **counting fractions: halves and quarters**

W **counting 2, 4, 8** Rock Stars Soundcheck

Th **counting 8, 12** Rock Stars Studio

Fr **counting negative numbers**

Times table focus: 3, 4, 6

M **counting 3, 4, 6** Rock Stars Garage

T **counting 10s, 100s, 1000s – add and subtract by counting**

W **counting 3, 4, 6** Rock Stars Soundcheck

Th **counting 3, 4, 6** Rock Stars Studio

Fr **counting time**

Times table focus: 7, 8, 9

M **counting 7, 8, 9** Rock Stars Garage

T **counting fractions: thirds and fifths**

W **counting 7, 8, 9** Rock Stars Soundcheck

Th **counting 7, 8, 9** Rock Stars Studio

Fr **counting decimals/fractions 0.1 and 1/10**

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**