Maths – Summer 2 Year 4

Decimals

- Recognise tenths and hundredths in a number with two decimal places.
- Divide 1 and 2 digit numbers by 10 and 100.
- Learn that a number with 2 decimal places can be made up of 10s, 1s, tenths and hundredths
- Compare and order decimals
- round decimals to the nearest whole number
- Write half, quarter, three quarters as decimals
- Solve problems involving decimals

Arithmetic:

- Addition and subtraction up to 4-digit numbers.
- Multiply and divide by multiples of 10 and 100.
- Multiply 3 1-digit numbers
- Balance equations
- Decimal addition and subtraction
- Unit and non-unit fractions of amounts

Non-negotiables:

- Know multiplication and division facts for all times tables.
- Convert between decimals and tenths/hundredths
- Divide a 1 or 2 digit number by 100

Money

- Add pence, breaking the pound boundary
- Know the place value of coins when recording in pounds.
- Order money, converting prices and amounts into a common unit
- Round amounts of money to the nearest 10p and £1
- Use rounding to estimate totals
- Solve problems using pounds and pence (addition and subtraction then multiplication and division)
- Solve two-step and multi-step money problems

Geometry

- Compare angles, identifying acute, obtuse and right angles. Use this comparison to order them.
- Recognise the similarities and differences between regular and irregular polygons.
- Identify three different types of triangles. Understand the properties of scalene, isosceles and equilateral triangles.
- Describe and identify quadrilaterals, recognising their similarities and differences. Classify and compare them.
- Solve shape problems and puzzles.
- Explore reflective symmetry and identify lines of symmetry within regular and irregular polygons. Identify lines of symmetry within and outside shapes. Complete symmetric patterns and shapes.

Maths –Weekly

Week 1: Decimals
Hundredths, hundredths as decimals, hundredths on a place value grid
Addition and subtraction up to 4-digit numbers

Week 2: Decimals
Divide 1 or 2 digits by 100, make a whole, write decimals

Multiply and divide by multiples of 10 and 100.

Week 3: Decimals
Compare decimals, order decimals, round decimals, write halves and quarters as decimals
Multiply 3 1-digit numbers

Week 4: Money
Order money, converting prices and amounts into a common unit, use rounding to estimate totals, solve problems using pounds and pence. Balance equations

Week 5: Geometry and measures
Compare angles recognising obtuse, acute and right angles, identify types of triangle and quadrilateral
Decimal addition and subtraction

Week 6: Geometry and measures
Explore reflective symmetry and lines of symmetry in shapes.
Unit and non-unit fractions of amounts