



Term One - P6 Numeracy

Number Patterns

- Recognise and read numbers. Context up to 1000, gradually extending to 1000-10,000 and up to millions.
- Understand what is meant by the terms multiple and factor.
- Count forward and backward. Context in multiples of 20, 25, 50, 100, within 10, 000, extending to all multiples.
- Recognise number patterns and identify missing numbers in a given sequence.
- Problem solving.

Place Value

- Read, write and order numbers.
- Recognise that the position of the digit indicates its value.
- Understand and use language of Number.
- Build numbers on the calculator.
- Approximate and round numbers to the nearest 10, 100 and 1000.

Addition

- Recite addition facts.
- Use knowledge on addition to mentally add different doubles.
- Use addition in problem solving situations.

Subtraction

- Subtract. **Context** within 9999
- Know and quickly recall addition & related subtraction facts. **Context** within 20
- Understand and use mathematical terms for number operations; use appropriate materials
- Estimate before carrying out calculation
- Discuss their work, compare ideas with others, explain their thinking & work collaboratively
- Be able to relate the concepts of subtraction to real life word problems.

Multiplication

- Multiply. **Context** numbers within 100
- Know and quickly recall multiplication facts. **Context** up to 10×10
- Understand and use mathematical terms for number operations
- Use appropriate materials to model concepts
- Discuss their work, compare ideas with others, explain their thinking & work collaboratively
- Multiply. **Context** double digit number by a single digit, within 500
- Estimate before calculating. **Context** within 500
- Multiply. **Context** double digit number by a double digit, within 500
- Multiply. **Context** double digit number by a double digit within 1,000
- Use partitioning. **Context** as a method of making calculation easier
- Multiply. **Context** understanding of Place Value to multiply numbers by 10
- Approximate numbers. **Context** to nearest 10 within 10,000
- Multiply. **Context** Use understanding of Place Value to multiply numbers by 10 & 100, within 10,000

- Approximate numbers. *Context* to nearest 10 & 100, within 10,000
- Apply knowledge and skill in solving problems

2D & 3D Shapes

- Revision of 2D shapes.
 - Look at the properties of all 2D shapes.
 - Reference to the Quadrilateral family.
 - Be able to names and properties of a variety of 3D shapes.
 - Understand a range of 3D shape nets.
-
- Understand and be able to identify different lines; horizontal, vertical, oblique, perpendicular and oblique.

Angles and Direction

- Develop a profounder understanding on angles.
- Revise the 8 points of the compass.
- Clockwise/anti clockwise.
- Acute, obtuse, right, straight line and reflex angles.
- Half right angles.
- Angles presented on the clock.

Time

- Revision of time 'minutes past' and 'minutes to' the hour
- Recognition of time using Analogue and digital (12 Hour Clocks)
- Fast and Slow Time.
- Revision of 12 hour clock, am and pm
- Extend to 24 hour clock
- Conversion between 12hr and 24 hr

Data Handling

- Be able to draw a line and a bar graph using information.
- Understand what a bar chart looks like and be able to draw one on the computer.
- Collect the results from the P6 Apprentice in tabular and tally format.
- Count, analyse and draw conclusions from the results.
- Plot whole school results on a bar chart.
- Revise the use of the Venn and Carroll diagram.

Financial Capability

- Explore the concepts of budgeting money.
- Convert money from pound to euros.
- Budget products for the P6 Apprentice.