

## **Numeracy Overview – Primary 7 Term 1**

### **September-October**

### **Number**

#### **Place Value**

- Number sequences to millions.
- Place value to millions.
- Compare and order numbers, number names.
- Add/Subtract multiples of powers of 10.
- Multiply/Divide by 10, 100, 1000.
- Estimate and position numbers on number line.
- Estimate quantities.
- Round to nearest 1000/100.

#### **Addition**

- Addition of several 2-digit numbers.
- Add 3-digit numbers bridging multiple of 10, 100 and 1000.
- Doubles of 100 and 10 000.
- Add 4 & 5-digit numbers using standard written method.

#### **Subtraction**

- Mental subtraction.
- Subtracting 3-digit numbers.
- Subtract mentally 4-digit multiple of 100, 50.
- Subtract 3 & 4-digit numbers from multiple of 1000.
- Use standard written method to subtract 5 & 6-digit numbers.

### **Topic**

#### **2D Shape (Properties, Puzzles & Patterns)**

- Name and describe triangles, quadrilaterals and other polygons.
- Deal with diagonal properties of quadrilaterals.
- Extend language terms to include adjacent side, opposite, bisect and intersect.
- Identify properties of a circle.
- Calculate radius and diameter.
- Use compass to draw a variety of circle designs.

#### **3D Shape**

- Recognise, name and classify shapes.
- Know properties – faces, edges and vertices.
- Building 3D models.
- Identify nets of 3D shapes.
- Surface area of 3D shapes.
- Visualising shapes.



## **November - December**

### **Number**

#### **Number Properties**

- Number sequences and using rules to describe or generate a number sequence.
- Squared numbers; including square root.
- Odd/Even numbers,
- Negative numbers.
- Triangular numbers.
- Divisibility Rules.
- Multiples and common multiples.
- Factors and factor pairs.
- Prime numbers,

#### **Place Value of Decimals**

- Revising tenths and hundredths.
- Sequence, notate, compare and order 1 & 2 place decimals.
- Round to the nearest tenth/whole number.

#### **Addition & Subtraction of Decimals**

- Mentally add and subtract 1 & 2 place decimals.
- Use standard written method for adding and subtracting decimals.

#### **Decimals**

- Number lines – notation for 1 and 2 place decimals.
- Compare and order decimals.
- Round 2 place decimals.
- Approximate sums and differences using 3 place decimals rounded to nearest whole numbers.

### **Topic**

#### **Length**

- Read and record Scale – cm to cm.
- Scale drawing – cm to m.
- Use and apply the millimetre.
- Use and apply the kilometre.
- Find perimeter of composite shapes; including missing measurements.
- Using formula to find perimeter.

#### **Area**

- Revise and use formula to find area in cm squared.
- Find area of composite shapes in cm<sup>2</sup> and m<sup>2</sup>.
- Find area of right-angled triangle.
- Area of composite by dividing into rectangles and right-angled triangles.