

Numeracy Overview – Primary 6 Term 2

Jan – April 2018

Division

- Read numbers. Context understand position of digit indicating value
- Divide. Context division of two digit numbers by one-digit number, using grouping & sharing
- Use appropriate materials to model concepts
- Divide. Context numbers within 100
- Know and quickly recall multiplication. Context use inverse to calculate related division facts
- Divide. Context numbers within 100, 1000 and 10,000 with and without remainders
- Divide. Context use understanding of Place Value to divide numbers by 10 & 100, within 10,000
- Use division to problem solve.

Fractions

- Revise what fractions are and how they can be found.
- Understand and determine how fractions are used in our everyday lives
- Discover different forms of writing fractions and consider fractions of quantities.
 - Know what vulgar, mixed numbers and improper fractions are.
 - Convert mixed numbers to improper fractions and vice versa.
 - Understand and be able to use equivalent fractions.
 - Be able to use fractions in problem solving.

Decimals

- Understand, interpret and use decimal point.
- Discuss their work, compare ideas with others, explain their thinking & work collaboratively
- Understand, interpret and use decimal point. Context in numbers greater than one & place value.
- Approximate and round numbers. Context to nearest whole.
- Interpret a calculator display. Context to one decimal place.
- Add and Subtract. Context tenths in decimal notation. Estimate answer by rounding.
- Children will be able to use decimals to effectively problem solve
- Understand simple percentages. Context everyday situations
- Link knowledge of fraction tenths and hundredths to percentage

Money

- Read, write and order amounts of money.
- Make simple mental calculations involving money and use money as a strategy to aid calculation.
- Use written methods to solve problems related to money.
- Use and interpret a calculator display in the context of money.
- Problem solving

Revision on all number operations to date.

Shape/Space

- Use coordinates in the first quadrant to:
 - plot shapes
 - draw shapes
 - complete shapes/find missing coordinates
 - transpose a shape through a line (line symmetry)
 - Use appropriate mathematical language to discuss their work and explain their thinking.

Measures

Length & Perimeter

- Revision of cm and m.
- Extend knowledge to km and mm.
- Define perimeter.
- Model perimeter - square cm paper, formula length x breadth.
- Problem solving - estimate and measure the perimeter of the outline of their bodies.

Revision on all measures and shape and space topics to date.

Data Handling

- Pie Charts & revision of bar and line graphs.
- Relate fractions to pie charts.
- Task board pie charts - question and answering.
- Draw a pie chart related to choice of animal from the Amazon Rainforest.
- Group work: draw a bar/line graph to symbolise choice of Amazon foods as preferred by P.6.

Revision on all data handling to date.

Assessment