

Term 3 2012 - Year 5 Maths Overview

NS3.1 – Whole Number

- Recording large numbers using expanded notation.
- Rounding numbers when estimating (up to 999 999)

PAS3.1a –Patterns and Algebra

- Completing number sentences involving more than one operation by calculating missing numbers.

Eg $5 + \quad = 12 - 4$

SGS3.3 – Position

- Using a given map to plan or show a route eg. Route taken to get to the local park
- Locating a place on a map which is given direction from a town or landmark.

PAS3.1b – Patterns and Algebra

- Completing number sentences involving fractions and decimals

Eg. $7 \times \quad = 7.7$

- Construct a number sentence to match a problem that is presented in words.

Eg. 'I am thinking of a number that when I double it and add 5, the answer is 13. What is the number?'

MS3.4 – Mass

- Selecting and using the appropriate unit and device to measure mass.

NS3.2 – Addition and Subtraction

- Using estimation to check solutions to addition and subtraction problems

Eg. $1438 + 129$ is about $1440 + 130$.

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MS3.5 Time

- Review using am and pm notation.
- Review converting between 24 hour time and am/pm notation.
- Review telling the time accurately using 24 hour time.
- Timelines and Calendars

NS3.3 – Multiplication and Division

- Finding solutions to questions involving mixed operations (order of operations)

Eg. $5 \times 4 + 7 = 27$

MS3.1 Length

- Recording lengths or distances using decimal notation.

NS3.3 – Multiplication and Division

- Finding solutions to questions involving mixed operations (order of operations)

Eg. $5 \times 4 + 7 = 27$

SGS3.2a – 2D Space

- Identifying and drawing diagonals on 2D shapes.
- Comparing and describing diagonals of different 2D shapes.
- Parallel sides.

NS3.4 – Fractions and Decimals

- Finding equivalent fractions using diagrams and number lines by redividing the unit.

Ds3.1 Data (Divided bar graphs and sector graphs)

- Naming a divided bar graph and sector (pie) graph.
- Naming the category represented by each section.
- Interpreting divided bar graphs.
- Interpreting sector (pie) graphs.

NS3.4 – Fractions and Decimals

- Develop a mental strategy for finding equivalent fractions

Eg. Multiply or divide the numerator and denominator by the same number.

MS3.2 – Area

- Reading and interpreting scales on maps and simple scale drawings to calculate area.

NS3.5 Chance

- Using data to order chance events from least likely to most likely.

Eg. Roll two dice 20 times and order the results according to for many times each total is obtained.

SGS3.1 – 3D Space

- Identifying and listing the properties of 3D objects.