

Swans International School



Year 6

Spring Term 2012

NUMERACY OBJECTIVES



By the end of the spring term children should be able to:

Place value, ordering and rounding

To rehearse adding ThHTU + ThHTU using informal and standard written methods.

To add U.th + U.th using informal and standard written methods.

To subtract ThHTU - ThHTU using standard written methods.

To subtract U.th - U.th using standard written methods.

Mental calculation strategies \times and \div

To multiply decimals by 10 and 100.

To divide decimals by 10 and 100

To multiply mentally HTU \times U by partitioning.

To multiply ThHTU \times U using standard written methods.

To multiply HTU \times TU using standard written methods.

To recognise the relationship between multiplication and division.

Fractions, decimals and percentages

To rehearse division giving the remainder as a fraction.

To rehearse converting a mixed number into an improper fraction and vice versa.

To rehearse decimal notation for tenths, hundredths and thousandths.

To know the value of each digit.

To order a set of decimal numbers.

Shape and space Reasoning about shapes

To read coordinates in four quadrants.

To plot coordinates in four quadrants.

To rehearse the concept of reflection.

To draw the reflections of a shape in 4 quadrants.

To draw the position of a shape after translation.

To rehearse the concept of rotation.

To rehearse names and properties of common 3-d shapes.

To recognise nets of 3D shapes.

Measures, including problem solving

To calculate the area of a rectangle.

To calculate the area of compound shapes that can be split into rectangles.

To find the surface area of a box, where the faces are all rectangles.

To find the area of a right angled triangle.

Parental Involvement

- Listen to your child read at home three times per week and sign Reading Record on Monday, Wednesday and at the weekend.
- Practise spelling words with your child for a test on Mondays.
- Help your child learn their times tables and corresponding division facts for a test each week.
- Oversee other homework and sign homework diaries weekly.

IPC

Our first IPC topic is called 'What Price Progress.' We will be focussing on this topic until the February half term.

After the February half term our IPC topic will be 'Making New Materials' until Easter.

Please see the separate IPC letter for further details.

LITERACY OBJECTIVES



During this term we will study weekly:

- Spellings
- Grammar and punctuation
- Reading comprehension

This is a list of the text types that Year 6 will cover during the spring term:

- Fiction Genres
- Extending narrative
- Poetry
- Argument
- Authors and texts