**Useful Apps**

  

Maths Bingo Sumdog Operation Math

  

 IXL Six numbers HWB

  

 Times table Abacus

 Quiz

Useful websites:

[www.activelearnprimay.co.uk](http://www.activelearnprimay.co.uk)

[www.bbc.co.uk/bitesize](http://www.bbc.co.uk/bitesize)

[www.resources.woodlands-junior.kent.sch.uk/maths](http://www.resources.woodlands-junior.kent.sch.uk/maths)

[www.uk.ixl.com/Maths](http://www.uk.ixl.com/Maths)

[www.mathszone.co.uk](http://www.mathszone.co.uk)

**National Tests**

Your child’s numeracy and reading skills will be tested. These tests will take place between **3rd and 10th May 2017.** Children in Year 2 to Year 6 will take 3 tests:

* Reading (focused solely on reading skills)
* Numerical Reasoning (using and applying numeracy skills)
* Procedural Numeracy (number skills)

**Reporting to parents**

The results of these tests will be reported to parents at the end of the Summer Term.

**For further information:**

**LNF link** http://learning.gov.wales/resources/?lang=en#/resources/?lang=en

**Test link**

<http://learning.wales.gov.uk/news/sitenews/readingnumeracy/?lang=en>

**Year 6**



The Numeracy

Framework

**What is Numeracy?**

Numeracy is the use of Mathematical skills in other areas of the curriculum.

**The Literacy and Numeracy Framework**

The Literacy and Numeracy Framework (LNF) has been introduced by the Welsh Assembly Government to improve the literacy and numeracy skills of children in Wales.



**Numerical Reasoning:**

The Numerical reasoning skills below are what a typical Year 6 pupil is expected to achieve

**Identify processes and connections**

* I can use and apply my maths skills in different everyday situations
* I can identify the appropriate steps and information I need to finish a task or find the answer.
* I can select the appropriate math and methods to use.
* I can select and use suitable instruments and units of measurement.
* I can choose a suitable mental or written strategy and know when it is appropriate to use a calculator.
* I can estimate and visualise size when measuring and use the correct units.

**Represent and communicate**

* I can explain results and procedures clearly using mathematical language.
* I can improve the way I write down my calculations
* I am beginning to use more suitable ways of recording calculations.
* I can use appropriate notation, symbols and units of measurement.
* I can select and construct appropriate charts, diagrams and graphs with suitable scales.

**Review**

* I can select from an increasing range of checking strategies to decide if answers are reasonable.
* I can interpret answers and decide whether answers, including calculator analogue and digital displays, are sensible.
* I can draw conclusions from data.
* I can recognise that some conclusions may be misleading or uncertain.



**Number Skills:**

The number skills below are what a typical Year 6 pupil is expected to achieve.

**Use number facts and relationships**

* I can read and write numbers to 1 million and numbers to 3 decimal places.
* I can use mental strategies to recall multiplication tables to 10 x 10 and use to solve division problems.
* I can multiply numbers and decimals by a multiple of 10, *e.g. 15x30, 1.4cmx20.*
* I can use my understanding of simple fraction, decimal and percentage equivalences *e.g. find 25% of 60cm and know that this is equivalent to ¼ of 60cm.*
* Calculate percentage quantities based on 10%,  *e.g. 20%, 5%, 15%*
* *I can use simple ratio and proportion.*

**Fractions, decimals, percentages and ratio**

* I can use my understanding of simple fraction and decimal equivalences when measuring and calculating, *e.g. ½ = 0.5*
* I can calculate fractional quantities,*e.g. 1/6 of 24=3*
* I can use doubling and halving strategies when working with simple proportions.

**Calculate using mental and written methods**

* I can add and subtract numbers using whole numbers and decimals.
* I can multiply 2 and 3 digit numbers by a 2 digit number.
* I can divide a 3 digit number by a 2 digit number.

**Estimate and check**

* I can check my answers using inverse operations.
* I can estimate by rounding to the nearest 10, 100 or 1000 or whole number.

**Manage Money**

* I can use the terms profit and loss in buying and selling activities and make calculations for this.
* I can understand the advantages and disadvantages of using bank accounts.
* I can make comparisons between prices and understand which is best value for money.



**Measuring Skills:**

The measuring skills below are what a typical Year 6 child is expected to achieve.

**Length, weight/mass, capacity**

* I can read and interpret scales or divisions on a range of measuring instruments.
* I can record measurements in different ways, *e.g. 1.3kg=1kg300g.*
* I can use the language of imperial units in daily use, *e.g. miles, pints*

**Time**

* I can use timetables and schedules to plan events and activities.
* I can interpret timetables and schedules to plan events and activities.
* I can make calculations as part of the planning process.
* I can estimate how long a journey takes.

**Temperature**

* I can read and record temperatures involving positive and negative readings.
* I can calculate temperature differences including those involving temperature rise and fall across 0˚C

**Area and volume angle and position**

* I can calculate the area of squares and rectangles.
* I can use grid references to specify location.



**Data Skills:**

The data skills below are what a typical Year 6 child is expected to achieve

**Collect and record data, present and analyse data**

* I can represent data using:
* Lists, tally charts, tables, diagrams and frequency tables
* Bar charts, grouped data charts, line graphs and conversion graphs
* I can extract and interpret information from an increasing range of diagrams, timetables and graphs (including pie charts)
* I can use mean, median, mode and range to describe a data set.