**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 5**



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

**Review**

* I can choose from lots 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 5 pupil is expected to achieve.

**Use number facts and relationships**

* I can read and write to 100,00.
* I can compare numbers with 1 and 2 decimal places.
* I can use mental strategies to recall multiplication tables for 2,3,4,5,6,8, and 10 and use to solve division problems.
* I can multiply and divide numbers and decimals by 10 and 100.

**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 find differences between numbers with 1 decimal place.
* I can add and subtract 3-digit numbers using an appropriate mental or written method.
* I can multiply and divide 3-digit numbers by a single 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.

**Manage Money**

* I can order and compare the cost of items up to £1000.
* I can add and subtract totals less than £100 using correct notation.
* I can plan and track money and savings by keeping accurate records.
* I understand that budgeting is important.



**Measuring Skills:**

The measuring skills below are what a typical Year 5 child is expected to achieve.

**Length, weight/mass, capacity**

* I can measure perimeters.
* I can use measuring instruments with 10 equal divisions between each major unit and record using decimal notation *e.g. 4.2cm, 1.3kg*
* I can make use of conversions *e.g. ¼ of a km=250m*

**Time**

* I can read and use analogue and digital clocks
* I can time events in minutes and seconds and order the results.
* I can carry our practical activities involving timed events and explain which unit of time is the most appropriate.

**Temperature**

* I can measure 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, estimate and compare the area of squares and rectangles using standard units.
* I can find volumes by counting and other practical methods.
* I can use coordinates to specify location.



**Data Skills:**

The data skills below are what a typical Year 5 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.