**Useful Apps**

[](http://www.google.co.uk/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwiL64zK1NvKAhVGuBQKHUHxBrsQjRwIBw&url=http://www.newyorkfamily.com/?attachment_id%3D79917&psig=AFQjCNFiWdMc0z1hdnQLFw2JEQ_utCIcPg&ust=1454591126905772) [](http://www.google.co.uk/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwi9yNfu1NvKAhUHnRoKHY9DCV4QjRwIBw&url=http://www.sumdog.com/&psig=AFQjCNGJNLldLGxdCU2UqBPbFXnxsZeLcw&ust=1454591224356884) [](http://www.google.co.uk/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwiKpoLG1dvKAhWCaRQKHfgiBL4QjRwIBw&url=http://www.teacherswithapps.com/operation-math/&psig=AFQjCNGcYdWlJETsL7fl-Py6HOMkzqrzwA&ust=1454591302792047)

Maths Bingo Sumdog Operation Math

[](http://www.google.co.uk/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwiatZni1dvKAhWCOhQKHfAcB5EQjRwIBw&url=http://ipadapps4school.com/2013/10/01/ixl-math-practice-elementary-school-math-practice-ipad-app/&psig=AFQjCNHpBa08_gARUxwgkHQFRyr92kntAw&ust=1454591505653319) [](http://www.google.co.uk/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwiH0v_z1dvKAhVCWRoKHYnsBToQjRwIBw&url=http://www.itouchapps.net/6-numbers-game-answers-solutions-levels-1-100/&psig=AFQjCNG7C7FWcHF6y1kJSOKRqaKwRT7L5A&ust=1454591541713239) [](http://www.google.co.uk/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwiXlKej19vKAhXDMBoKHWnLDcsQjRwIBw&url=http://hwb.wales.gov.uk/&psig=AFQjCNGHlHLxkzMYq-1LOPRMdXQ5-zw_ew&ust=1454591906484200)

IXL Six numbers HWB

[](https://www.google.co.uk/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwj8j8fW19vKAhWGzxQKHYagD1UQjRwIBw&url=https://itunes.apple.com/gb/app/times-tables-quiz!-multiplication/id441001315?mt%3D8&psig=AFQjCNHU1ONz62vCBJjcx6JuZ2h61YVTPQ&ust=1454591998754698) [](http://www.google.co.uk/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwirs6K62NvKAhUK0hoKHTIHD7wQjRwIBw&url=http://uk.pearson.com/primary.html&psig=AFQjCNGR29MoCkF5aoGXejdDjMi6oA29Jw&ust=1454592192796949)

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 3**



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.

[](http://www.google.co.uk/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwjFmOrL7dbKAhXH1RoKHWvhAagQjRwIBw&url=http://www.dreamstime.com/illustration/numeracy.html&psig=AFQjCNG5L5M1mF9HcmoGQJgCivkmT1c8sw&ust=1454426035681701)

**Numerical Reasoning:**

The Numerical reasoning skills below are what a typical Year 3 pupil is expected to achieve

**Identify processes and connections**

* I can use and apply my maths skills in different everyday situations.
* I can work out the right steps and information I need to finish a task or find the answer.
* I can choose the right maths and methods to use.
* I can choose 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 think about 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 use appropriate symbols and units of measurement.
* I can choose and draw charts, diagrams and graphs correctly with the right scales.

**Review**

* I can choose from lots of checking strategies to decide if answers are sensible.
* I can understand my 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 false or unclear.

[](http://www.google.co.uk/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwjvpqON8tbKAhXM7hoKHejYAtgQjRwIBw&url=http://www.fotosearch.com/CSP990/k10488784/&psig=AFQjCNG5L5M1mF9HcmoGQJgCivkmT1c8sw&ust=1454426035681701)

**Number Skills:**

The number skills below are what a typical Year 3 pupil is expected to achieve.

**Use number facts and relationships**

* I can read and write numbers to 1,000.
* I can compare and estimate with numbers up to 100.
* I can use mental strategies to recall number facts up to 20.
* I can recall 2,3,4,5 and 10 multiplication tables and use them to solve multiplication and division problems.
* I can multiply numbers by 10.

**Fractions, decimals, percentages and ratio**

* I can use halves and quarters
* I can halve 2-digit numbers when working with number, money and measure.
* I know how to use my multiplication facts to find fractions of amounts.

**Calculate using mental and written methods**

* I can find differences within 100.
* I can use mental strategies to add and subtract 2 digit numbers.
* I can partition to double or halve numbers.

**Estimate and check**

* I can check subtraction using addition.
* I can check halving using doubling.
* I can check multiplication using repeated addition.

**Manage Money**

* I can use different coins to pay for things up to £2 and calculate the change.
* I can order and compare items up to £10.
* I can record money spent and saved.

[](http://www.google.co.uk/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwijlc3s99bKAhUC1xoKHbllCs8QjRwIBw&url=http://www.clipartsheep.com/measure-illustrations-images-graphics-and--clipart/dT1hSFIwY0RvdkwzZDNkeTVqYkdsd1lYSjBaM1ZwWkdVdVkyOXRMMTkwYUhWdFluTXZNRGd3T0Mwd09EQXhMVEV4TVRVdE5UWTFPQzVxY0djfHc9MTAwfGg9MTAwfHQ9anBlZ3w/&psig=AFQjCNF-mRRN243heiJkqNTYjHW6zqRZMA&ust=1454428755687248)

**Measuring Skills:**

The measuring skills below are what a typical Year 3 child is expected to achieve.

**Length, weight/mass, capacity**

* I know that perimeter is the distance around a shape.
* I can measure length, height and distance to nearest ½ cm.
* I can use 5g, 10g, and 100g weights when measuring weight/mass.
* I can use litres and half litres when measuring to nearest 100ml.

**Time**

* I can tell the time to the nearest 5 minutes on an analogue clock.
* I can calculate how long it is to the next hour.
* I can read hours and minutes on a 12-hour digital clock using am/pm.

**Temperature**

* I can read the temperature on a thermometer and work out the readings above and below 0˚C.

**Area and volume angle and position**

* I can find areas by counting squares
* I can use the four compass points to describe directions.

[](http://www.google.co.uk/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwjzwp7N39jKAhWHyRQKHbejB7oQjRwIBw&url=http://www.fotosearch.com/CSP137/k19630263/&psig=AFQjCNEwaLqNC4wHGksprtfu91qzB1IMHw&ust=1454491029969351)

**Data Skills:**

The data skills below are what a typical Year 3 child is expected to achieve

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

* I can show information using:
* Lists, tally charts, tables and diagrams.
* Bar charts and bar line graphs labelled in 2s, 5s and 10s.
* Pictograms where one symbol represents more than one unit using a key.
* Venn and Carroll diagrams.
* I can take out and make sense of information from charts, timetables, diagrams and graphs.