**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 2016.** 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.

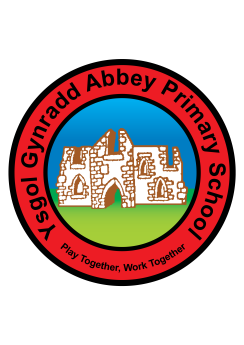
**For further information:**

**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 2**



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 2 pupil is expected to achieve

**Identify processes and connections**

* I can use my maths skills in play and also in classroom activities.
* I can work out the steps to finish a task or find the answer.
* I can choose the best maths and methods to use.
* I can use number facts I already know.
* I can work things out in my head.
* I can choose the right equipment and resources.
* I can estimate using what I already know.

**Represent and communicate**

* I can use my own words and maths vocabulary to talk about my ideas and choices.
* I can talk, draw a picture and write about my work.
* I can use different ways to show lots of information.
* I can write about maths in my own way.
* I can think of ways of making it better.
* I sometimes use words and symbols to write number sentences.

**Review**

* I know how to check whether my answer makes sense.
* I can read answers to a problem and work out if they make sense.
* I can read information shown in different ways and work out what it is telling me.

[](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 2 pupil is expected to achieve.

**Use number facts and relationships**

* I can count objects by grouping in 2’s, 5’s or 10’s.
* I can read and write numbers to 100.
* I can compare and order 2-digit numbers.
* I can remember number facts to 10 and use them to work out other facts, double and halving, *e.g. work out 40 + 40 from knowing 4+4.* – bonds of 10, *e.g. work out 60+40 from knowing 6+4.*
* I can remember and use 2,5 and 10 multiplication tables.

**Fractions, decimals, percentages and ratio**

* I can find halves and quarters in real-life situations

**Calculate using mental and written methods**

* I can find small differences within 20 by using ‘counting on’
* I can remember and use number facts to 10 and place value to add or subtract larger numbers, *e.g. 24-4, 30+5, 34+10*

**Estimate and check**

* I can use checking strategies: - repeat addition in a different order - use halving and doubling within 20

**Manage Money**

* I can use different combinations of money to pay for items up to £1.
* I can find totals and give change from multiples of 10p.

[](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 2 child is expected to achieve.

**Length, weight/mass, capacity**

* I can measure, length, height and distance in ‘metres’ or ‘centimetres’
* I can use ‘kilogram’ or 10 ‘grams’ when measuring weight/mass.
* I can use ‘litres’ when measuring capacity.

**Time**

* I can read ‘half past’, ‘quarter past’ and ‘quarter to’ on an analogue clock.
* I can read hours and minutes on a 12-hour digital clock.

**Temperature**

* I can compare daily temperatures using a thermometer (˚C).

**Area and volume angle and position**

* I recognise half and quarter turns, clockwise and anti-clockwise.
* I recognise that a quarter turn is a right angle.

[](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 2 child is expected to achieve

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

* I can collect and write about information from:
* Lists and tables
* diagrams