

RAYNES

PARK HIGH SCHOOL

Supporting your child with
Numeracy

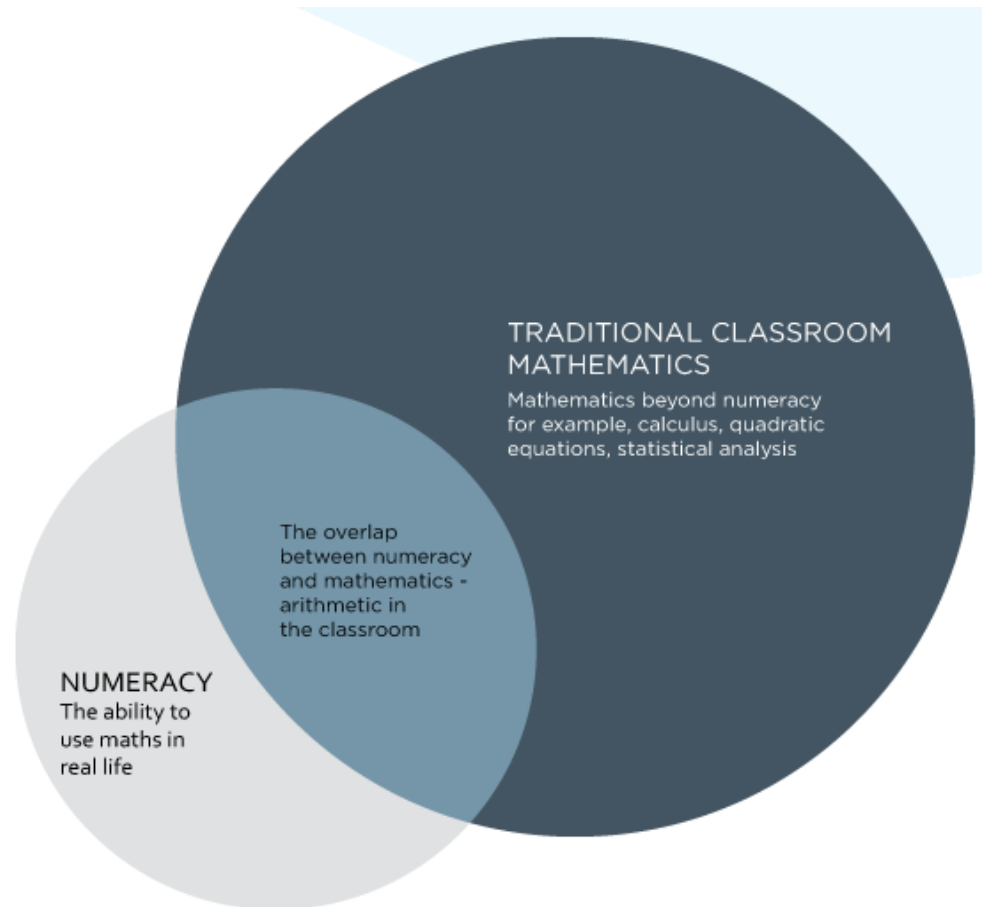


Presentation Objectives

- To outline what is meant by Numeracy and how it differs from Mathematics
- To outline how we promote Numeracy at RPHS
- To give you some ideas and advice on how you can support your child at home in developing their numeracy skills



Mathematics versus Numeracy



Numeracy – Maths in Every Day Life



CANADA	CAD	0.9512	0.8883
CHINA	CNY	7.169	6.0910
EURO	EUR	0.6644	0.6100
JAPAN	JPY	10.900	10.200
SINGAPORE	SGD	1.3712	1.2630
HONG KONG	HKD	7.0043	6.9072
NEW ZEALAND	NZD	1.1646	1.0675
MALAYSIA	MYR	3.2536	2.7818

Typical Stopping Distances

20 mph (32 km/h)	6 m	6 m	= 12 metres (40 feet) or three car lengths
30 mph (48 km/h)	9 m	14 m	= 23 metres or six car
40 mph (64 km/h)	12 m	24 m	
50 mph (80 km/h)	15 m		
60 mph (96 km/h)	18 m		

Healthy AND Tasty Smoothie Recipe!

Blend together and pour into glasses:

- 1 Banana
- 1 Kiwi fruit
- ½ cup fresh/frozen berries
- 1 Apple
- 1 Glass Rice/Wildcard Milk
- 1 tsp Honey
- 1 tsp Chia seeds
- 1 tbsp LSA (Lemon Seed Oil)
- 2 tbsp Flaxseed oil (100% pure)
- 1 tsp Heaped Wheat Grass powder

Finally, I've written down my Smoothie Recipe. Just fill with nutrients! Remember, just make any variations with fruits. For a more 'fun' recipe, try adding your favourite AND kiss your insides with goodness!

Sours in Skin.

Surinder
Professional Skin Therapist and
Parmaesther Aesthetician

Rejoice
Health Hints
www.rejoice.com.au
look good, feel good!



Party Planning 101

Ask 5 Basic Questions

- #1: When?
- #2: How many guests will be invited?
- #3: Where?
- #4: Casual or formal?
- #5: What is the budget?

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Being Numerate

- Having the confidence and skill to use numbers and mathematical approaches in all aspects of life
- Being able to reason with numbers and other mathematical concepts and to apply these in a range of contexts and to solve a variety of problems
- Being numerate is as much about thinking and reasoning logically as about 'doing sums'

Interpret data, charts and diagrams

Process information

Solve problems

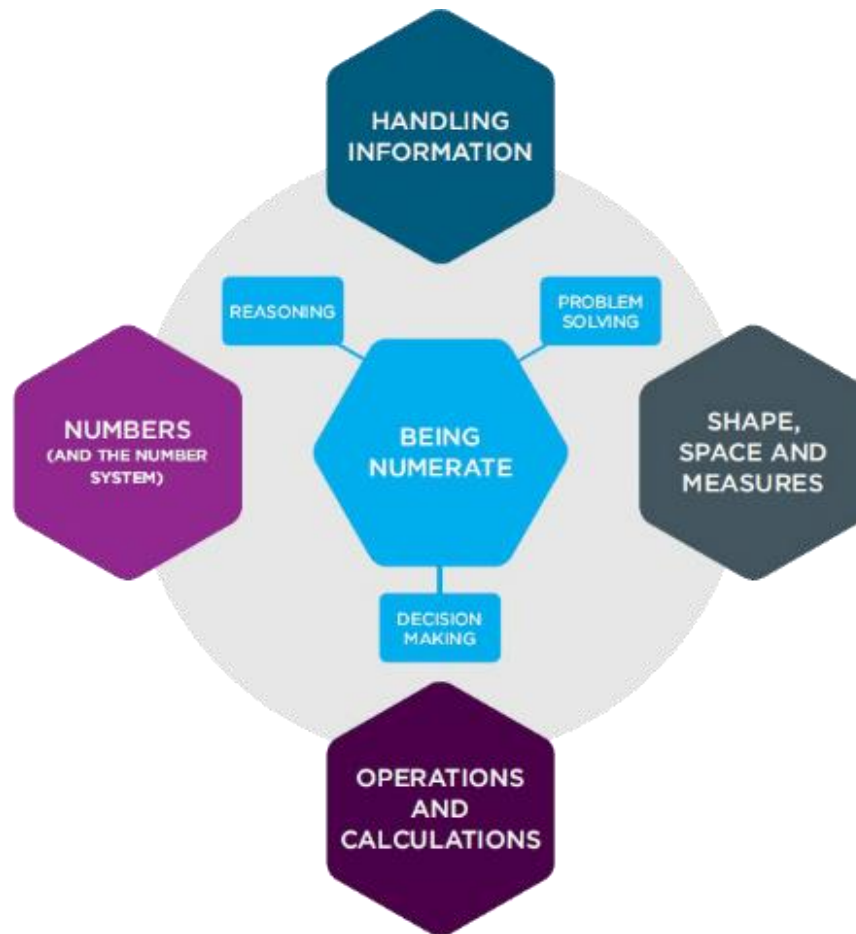
Check answers

Understand and explain solutions

Make decisions based on logical thinking and reasoning.



Being Numerate



When do YOU use Numeracy?

As a parent?

As a patient?

In your every day life?

As a parent, helping our children learn

As a patient, understanding health information

As a citizen making sense of statistics and economic news

Going shopping

Planning a holiday/party

Banking

Deciding on a mortgage

Decorating a room

Decisions in life are so often based on numerical information: to make the best choices, we need to be numerate.



The Digital Age

The digital age presents us with more numerical data than ever before and puts a new premium on numeracy skills.

- Computers can do the mathematical processing for us, but we need good numeracy in order to use them effectively – to enter the right data and decide whether the answer seems approximately right

What do we do at RPHS?

- Whole school focus on Numeracy Across the Curriculum
- Aim is for students to gain an increase in fluency in transferring mathematical skills to other subjects
- When a numeracy skill is being used in a lesson, this logo is shown, indicating to the students that they will be required to use a skill taught in a maths lesson



What do we do at RPHS?

- Refining techniques and methods - to ensure all teachers are using the methods taught in the Maths department
- Using the same vocabulary
- This supports the students in identifying the links.
- If students make links between subjects they should become more confident to make links out in the wider community and world of work

What do we do at RPHS?

Tutor Time

- Years 7 – 9 Numeracy Ninjas
- Year 10 Numeracy and Problem Solving Booklets
 - Times tables practise
 - Four operations practise
 - Logic problems
 - Number problems
- Year 11 Numeracy Intervention Programme

National Numeracy Day – Annually in May

Supporting your child at home

Learning of their Times Tables

- To chant or not to chant?
- The 'Um' times tables
- Paired tables?
- Back of the Bathroom Door

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Your Gas Bill

ecotricity

Ms A Sample
155 Sample Street
Sample Town
XX XXX

Current Balance £94.18 DR

This is your gas bill for the period from 12th November 2011 to 13th February 2012.

As you pay by a regular monthly amount, there is no need to pay this balance. However if you think you are paying too much or too little, take a meter reading and give us a call on 0845 555 7 200.

Account number 1234 5678

Bill number 377272

Date of bill 20 February 2012

Tariff - Green Gas

Supply address

Ms A Sample

155 Sample Street

Sample Town

XX XXX

How we calculated your bill

	kWh	Price per kWh	Amount
Consumption	3000	4.66	£139.80
Standing Charge			£23.50
Dual Fuel Discount			-£3.66
Sub Total			£163.30
VAT at 5%			£8.16
Total cost of gas in this period			£171.46

Your account summary

Payment Date	Description	Amount
	Previous Balance	£42.72 DR
05.12.2011	Direct Debit	£40.00 CR
05.01.2012	Direct Debit	£40.00 CR
05.02.2012	Direct Debit	£40.00 CR
	This bill	£171.46 DR
	Current Balance	£94.18 DR

Your meter reading

Meter ID	Description	Current	Metered units used
All Day	4903 Estimate	5042 Customer	139

Metered units used	Metric conversion X factor	Gallonic Value	Volume X correction factor	kWh conversion + factor	Billing units used
139	X 2.83	£ 39.044	X 1.05264	= 3.6	= 4963

Historical gas usage

The above includes estimated readings

All Day: 37727 kWh

Predicted Cost for next 12 months:

£1234 (based on previous 12 months consumption at current rates)

The above is based on estimated information

Smart Gas?.....0800 111 999

Meter Point Number:

0000000000

How we calculated your bill

	kWh	Price per kWh	Amount
Consumption	3000	4.66	£139.80
Standing Order			£23.50
Dual Fuel Discount			-£3.66
Sub Total			£159.64
VAT at 5%			£7.98
Total cost of Gas in this period			£167.62

Your Account Summary

Payment Date	Description	Amount
	Previous Balance	£42.72 DR
05.12.2015	Direct Debit	£40.00 CR
05.01.2016	Direct Debit	£40.00 CR
05.02.2016	Direct Debit	£40.00 CR
	This bill	£171.45
Current Balance		94.17 DR

Supporting your child at home

Supporting with Maths Homework

- Using the Hegartymaths website
- Talk positively about maths
- Praising your child for their effort rather than talent

Just to finish.....

