



St Ninian's High School

MATHS NEWSLETTER



Volume 1, Issue 3

February 2012



Mobile phone users 'wasting nearly £5bn a year'

Inside this issue:

Worth talking about ... UK mobile phone users are over-paying by a total of £5bn a year

Average user overpaying by a £195 a year because they are on contracts that offer more minutes and texts than they use.

The study conducted by Bill-monitor, set up by mathematicians in Oxford, compiled the figures after analysing nearly 28,500 anonymous mobile phone bills. It discovered that in total, Britain's 33m mobile subscribers are wasting nearly £5bn a year because of the problem.

76% of people on monthly deals are paying too much, having signed up to incorrect tariffs for their usage.

In general it says that over-spending falls into three categories:



52% of those on the wrong contract are on a tariff that's too large for them,

- 29% of those on the wrong contract are on too small a tariff, wasting money on "out of allowance" calls,

- 19% have the right level of inclusive minutes, but waste money by not optimising

free benefits such as data & text allowances.

Only 24% of people are "not wasting anything", according to Billmonitor. The study found that the average person spent £439 a year on their mobile phone.

Customers spent £719m a year calling premium numbers and sending premium-rate texts from their mobiles, while £502mn was spent on roaming charges.

Users also doubled their use of data in a year, surfing the web on their smartphones, and sending an average of 300 texts a month.

<http://www.guardian.co.uk>

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Plus jokes and puzzles!	

After school classes

- Monday: Higher & Advanced Higher Maths
- Tuesday: Intermediate 2
- Wednesday: S1 to S3
- Thursday: Higher



Valentine facts

- 73% of Valentine Day flowers are bought by men, whereas women buy only 23% of Valentine flowers.
- Teachers receive more valentine cards than anyone else, even children.
- More than 9 million pet owners buy gifts for their pets for Valentine's day. Now that is what can be called real puppy love.

THE WORLD'S MOST EXPENSIVE MOVIE!

The most expensive movie made is *Pirates of the Caribbean: At World's End* (2007 USA), which had an estimated production budget of around \$300 million (then £146 million). If the budgets of films are adjusted for inflation to 2010 dollars, *Pirates of the Caribbean: At World's End* remains the most expensive production of all time, its \$315 million budget narrowly beating *Cleopatra* (1963 USA), starring Elizabeth Taylor and Richard Burton (both UK), which cost \$44 million (then £16 million) in 1963, the equivalent of \$310 million (£196 million) in 2010.



<http://www.guinnessworldrecords.com>

Puzzles

What is the beginning of eternity.

The end of time and space.

The beginning of every end.

And the end of every place?

Jokes

- What is even worse than taking a bite from an apple and finding a worm in it?
- Taking a bite from an apple and finding half a worm in it.

Puzzle of the month

Please hand in your entries by the end of the month

A big Well Done to last month's winner:

Rhiana McKenzie from

2 α 7

Last months winner...

VALENTINE'S PUZZLE

Saint Valentine's Day falls on February 14th each year. It is the traditional day on which lovers express their love for each other by sending Valentine's cards anonymously.

- Anthony did not send a card to Samantha
- Christopher sent a card to either Ava or Ashley
- Ava did not receive a card from Joseph or William
- Neither Joseph nor William sent a card to Emily
- William would never send a card to Samantha

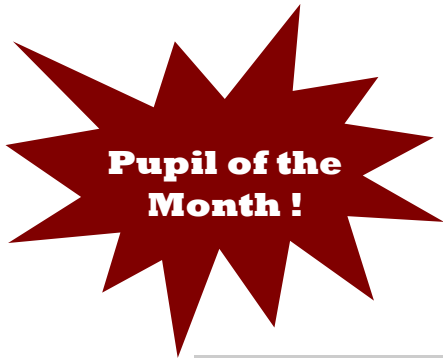


Pair up the boys and girls!

Brain Test

Say the **colours** you see below as fast as possible without reading the **words**!

black **blue** **green** **orange**
pink **yellow** **purple** **red** **black**
white



Focus for the month of February is on Mental Maths!

Is half of two plus two equal to two or three?

(See answer below)

Brain Teaser



Dates to note:

- 2nd: S5/S6 Parents evening
- 3rd: PSA Burns celebration
Issue S1 Interim Report
- 9th: S5/6 Valentine Disco
- 10th: In Service Day
- 12-19th: Catholic Education Week
- 13-14th: Holiday
- 15th: S5/S6 Prelims start (until 28th)
- 16th: Life Mass at 7pm
- 19th: Catholic Education Sunday
- 22nd: Ash Wednesday
- 24th: Issue S3 full report

Don't forget to keep up to date with the school website and Glow!

See your teacher if there are problems with your password!

Do you have any items for inclusion in next months newsletter?

Please submit articles of interest to Mrs Nizam in the

Puzzle Answer: The letter E

Brain Teaser Answer: Three. Well, it seems that it could almost be either, but if you follow the mathematical orders of operation, division is performed before addition. So... half of two is one. Then add two, and the answer is three.

Technology Timeline

Wi-fi	Google	HDTV	Digital Cameras	Black Berry	Wiki-pedia	ipod	Face Book	Play Station 3
<p>Gone are the days of plugging modems into phonedlines.</p> <p>Wireless networks are now a common household feature</p>	 <p>Currently the king of all things search, with a market share of 62.9%, handling up to five billion searches each month.</p>	 <p>Early plasmas cost around \$15,000 and were like watching a YouTube video on a slow connection.</p>	 <p>In 1999, a 2.7 megapixel digital SLR would set you back in the region of \$6,000.</p> <p>Now 10 megapixels are less than a hundred.</p>	 <p>First launched in the US, then took the rest of the world by storm.</p> <p>A dedicated user is President Barack Obama.</p>	 <p>Recently users of non-profit Wikipedia banded together to raise US\$6 million for its serving and upkeep.</p>	 <p>With hundreds of millions of unit sales, it has come a long way, from shuffle to touch and of course to the all changing iPhone.</p>	 <p>The biggest success story of the web world, Microsoft bought a small stake - now estimated to be worth \$15 billion.</p>	 <p>The original shook up the games market in 1994, but the PS3 pushes the boundaries of what constitutes a games console.</p>

Late 90's 1998 1998 1999 1999 2000 2000 2001 2001 2004 2004 2007 2007

Life changing technology advances in just under two decades..