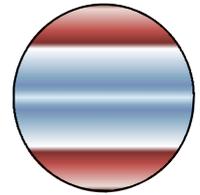
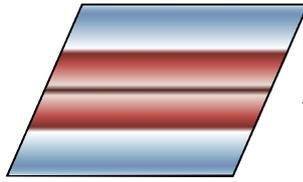
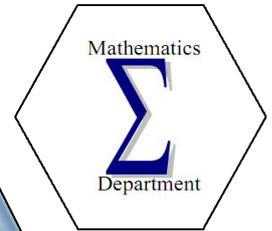
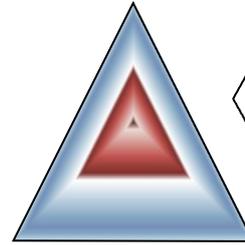


# St Ninian's High School



## Maths Newsletter



March 2013

Volume 2: Issue 2

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## Easter...Eggstravaganza?

One of the largest Easter eggs ever made was on display in 2011 in an Italian shopping centre. It was 10.39m tall had a circumference of 19.6m at it's widest part. It weighed a massive 7,200kg.

One of the most expensive eggs was the 'Diamond Stella Egg' - a chocolate egg with diamonds. It cost £50,000!



Easter eggs for 2013 went on sale in some Tesco stores on Christmas Eve 2012!

About 90 million chocolate eggs are sold each year in the U.K!

The Real Easter Egg is an Easter egg that explains the Christian meaning of Easter is on sale again for Easter 2013. The eggs are available in major supermarkets. In 2012 90,000 Real Easter Eggs sold.

Dietitians are warning that eating five Easter eggs ( which is the average given to most chil-

dren) and the bars included with them, could see youngsters doubling their recommended calorie intake for a week, risking becoming obsessed with chocolate, and seeing their weight increase by several pounds within days. The recommended daily amounts are around 2,000 calories a day for an average 11-year-old boy and 1,500 for a girl, but many could be eating up to 10,000 calories over the Easter period!

By Mark Rae.

## World Math's Day

Friday the 6th of March was the 7th official World Maths Day. Education was combined with the power of the internet to unite school stu-

dents around the globe.



Pupils battled against the clock to beat other pupils from around the world in quick maths calculations.

After School Classes

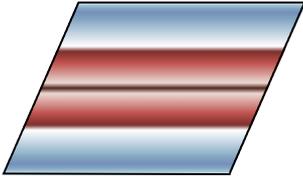
Monday-  
Higher and Adv. Higher

Mathematics

Tuesday-  
Intermediate 2

Mathematics

Thursday-  
S1-S3 Mathematics  
Higher Mathematics



## Pi day 14.3 (Americans write 3.14)

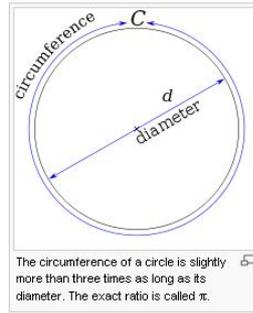
With Pi day fast approaching, the 14 March, I thought we could delve a little deeper into this unique number.

This date is because Americans put the number of the month before the date so it looks like 3.14 (the first three

```
3.141592653589793238462643383279502
88419716939937510
58209749445923078164062862089986280
348253421170679
82148086513282306647093844609550582
231725359408128
48111745028410270193852110555964462
294895493038196
44288109756659334461284756482337867
831652712019091....
```

digits of pi) instead of 14.3. Pi is represented by the symbol  $\pi$  which is the sixteenth letter of the Greek alphabet. It is the ratio of a circle's circumference to its diameter.

This ratio C/D is constant,



regardless of the circle's size.

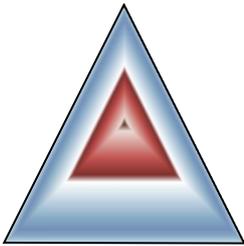
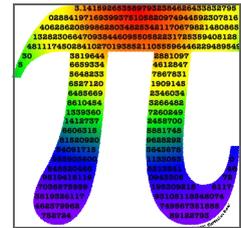
The record for memorizing digits of  $\pi$ , certified by Guinness World Records, is 67,890 digits, recited in China by Lu

Chao in 24 hours and 4 minutes on 20 November 2005.

$$\pi = \frac{C}{d}$$

Happy Pi Day!

Article by Mark Rae 1A1



## Pope Francis

Pope Francis, Jose Mario



Bergoglio, became pope at 6.06 pm on the 12 March 2013. He emerged to the crowds at 7.15 pm.

This conclave was surprisingly quick, with Pope Francis becoming pope after just five ballots. To become pope, the cardinal needs a two thirds majority plus one. Only cardinals under

80 are allowed to vote so 115 are eligible. Pope Francis is the 1st pope ever to be called Pope Francis. He is also the first ever Jesuit pope. The previous pope, Pope Benedict was the first Pope to retire in 600 years. What a lot of firsts! Viva Il Papa!

Article by Mark Rae 1A1

## The Falkland Islands— to be or not to be- British?

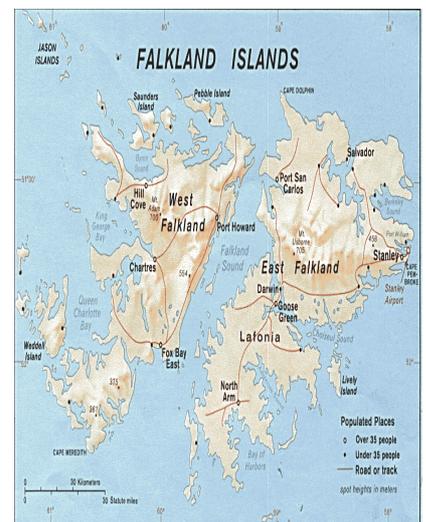
Figures from the referendum carried out earlier this month have been reported by the Guardian as an overwhelming landslide in favour of the territory staying British.

92% of the 1650 elec-

torate turned out to vote, despite near zero temperatures, snow and rain.

Only three islanders voted no to remaining British, although the territory lies 8000 miles from London and 500 km from Argentina. Argentinians however

will take a lot more convincing. In 2012, a poll marking the 30<sup>th</sup> anniversary of the Falklands war indicated that 89% of Argentinians supported the sovereignty claims of Buenos Aires.



## Celebrating Achievement!

Volume 2: Issue 2

# UK Maths Challenge 2013

In February third and fourth year pupils sat challenging papers testing their mathematical thinking and problem solving skills.

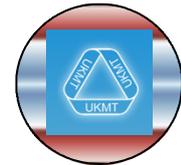
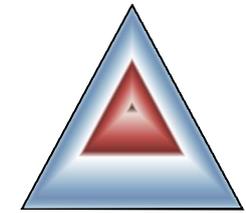
Results are detailed below, and a copy of the

problems and solutions are available on the United Kingdom Maths Trust website. (Details below)

The competitions attract over 600,000 entries from over 400 schools

and colleges. Only the most successful participants are invited to participate in the follow up rounds such as 'Pink Kangaroo'

<http://www.mathcomp.lee.ac.uk/>



### CONGRATULATIONS!!!

**JOSEPH COYLE (S4)**

Who qualifies for the Pink Kangaroo round which takes place on Thursday 21st<sup>th</sup> March.



**WELL DONE!!**

### BRONZE AWARDS (S4)

Fiona Lang  
Michael Cassidy  
Julia Magini  
Timothy Wong  
Anne Marie Jarrett  
Rory Morgan  
Eliah O'Mara  
Stephen Caulfield  
Matthew Serramoni  
Cameron McKay  
Jack Murphy  
Victoria Battersay  
Scott Campbell  
Louise Bradley  
Sophie Egge  
Monica Reilly  
Jamie Smith  
Jackie Tappin  
Matthew Kerolitt  
Jack Mears  
Kiera O'Donnell  
Laura Goodwin  
Alessa Hamid  
Laura Mackie  
Katy Scott  
Jennifer Wylie  
Sarah Rae

### BRONZE AWARDS (S3)

Euan Haggerty  
Magness Bell Cochrane  
David Woods  
Ciara Deehan  
Luke Balfour  
Kirsty Gillan  
Patrick O'Sullivan  
Maeve MacLeod  
Yasser Hafez  
Matthew Egan  
Julie MacDonald  
David Burns  
Jack McVey  
Rosalyn Brown  
Jack Dudgeon  
Juliette Murphy  
Sally Bester  
Nancy Liu  
Alice Denham  
Eve Ruddy  
Shannon McCuskey  
Natasha Glancy  
Rachel McGuire

### SILVER AWARDS (S4)

Nimra Ahmed  
Ciaran Henry  
Sophie Maclean  
Nigel Fan  
Adam Spence  
John Joe Jackson  
Dominic Small  
Kieran Woods  
Andrew Stewart  
Sam Dillon  
John Paul McCarron  
Emer Sweeney  
Rohini Bhaduri  
Waleed Hafez  
Euan Steel  
Megan Dougan

### SILVER AWARDS (S3)

Eilidh McDonalds  
Chris Stewart  
Jessica McTeague  
Chloe Connaghan  
Siobhan Connolly  
Jack Burns  
Matthew Boyle  
Felicity Daly  
Eilidh MacDonald  
Yvonne Chung  
Maria Ward  
Daniel Kavanagh  
Sean O'Reilly

### BEST IN THE SCHOOL

**Joseph Coyle (S4)**  
**Euan Higgins (S3)**

### GOLD AWARDS (S3)

**Euan Higgins**  
**Paula Duffin**  
**Frances Kelly**

### GOLD AWARDS (S4)

**Joseph Coyle**  
**Meysoun Khan**  
**Lucia Harley**



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

See your teacher if there are problems with your password!



St Ninian's High School

Week Ahead | About Us | Information | Departments | Pupils | Parents | Contact Us

Mathematics and Numeracy Website

Latest News | About Us | Celebrating Success | Timelines | Severe Weather Contingency

Dates to note in March

7th—S3 Parents evening

14th—S1 choices evening

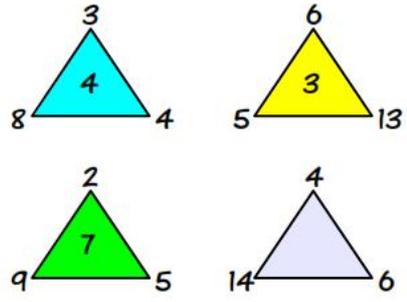
28th—Close for Easter

# Testing Triangles

Check next month for the solution!

## Missing Number ☆ 2

Which number should go in the empty triangle?



## Maths Exams 2013

### Wednesday 22nd May

Intermediate 1,  
Intermediate 2,  
Higher and  
Advanced Higher  
Maths exams  
take place on the  
above date.



Study timetables should be in place!

Countdown:  
Number of full weeks left:

~~13~~



10

