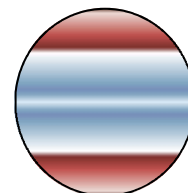
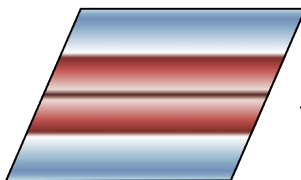
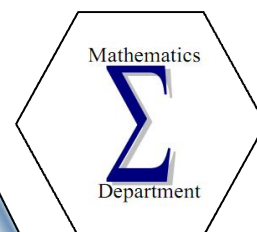
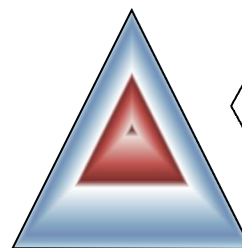


St Ninian's High School



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

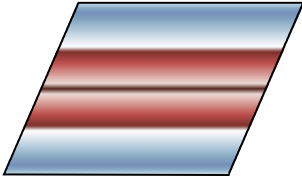
Monday-
Higher and Adv. Higher

Mathematics

Tuesday-
Intermediate 2

Mathematics

Thursday-
S1-S3 Mathematics
Higher Mathematics



Pi day 14.3 (Americans write 3.14)

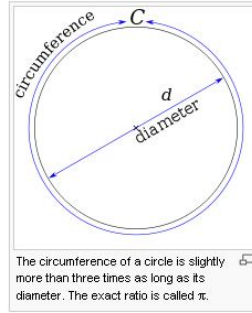
With Pi day fast approaching, the 14 March, I thought we could delve a little deeper into this unique number.

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 π 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.

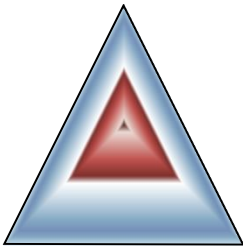
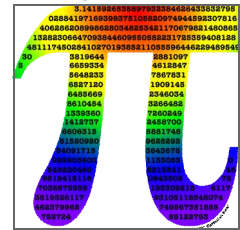
The record for memorizing digits of π , certified by Guinness World Records, is 67,890 digits, recited in China by Lu

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

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

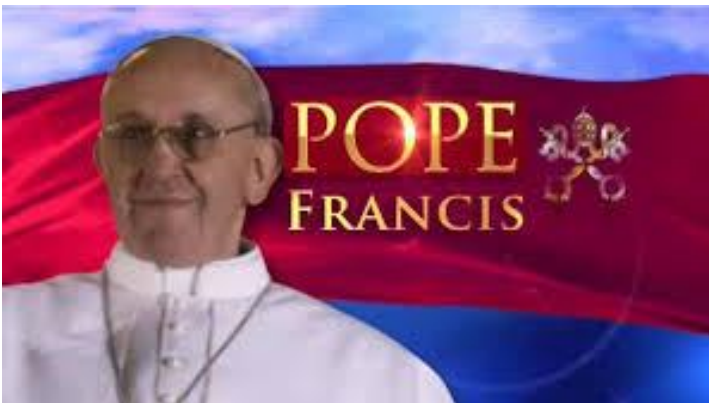
Happy Pi Day!

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 30th 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.

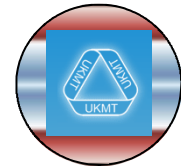
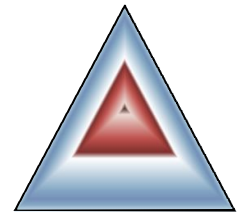
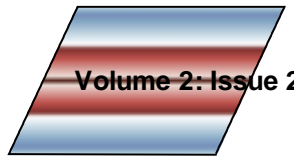
Results are detailed below, and a copy of the

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'

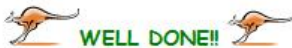
<http://www.mathcomp.lee.ac.uk/>



CONGRATULATIONS!!!

JOSEPH COYLE (S4)

Who qualifies for the Pink Kangaroo round which takes place on Thursday 21stth March.



BRONZE AWARDS (S4)

Fiona Lang
Michael Cassidy
Julia Magini
Timothy Wong
Anne Marie Jarrett
Rory Morgan
Iqah O'Mara
Stephen Caulfield
Matthew Serramoni
Cameron McKay
Jack Murphy
Victoria Battax
Scott Campbell
Louise Bradley
Sophie Egge
Monica Reilly
Jamie Smith
Jackie Tappin
Matthew Kerolitt
Jack Mears
Kiera O'Donnell
Laura Goodwin
Aleena 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

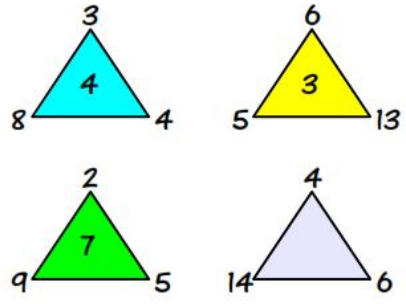
28th—Close for Easter

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

