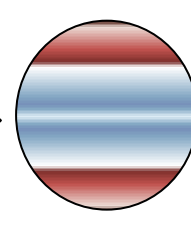
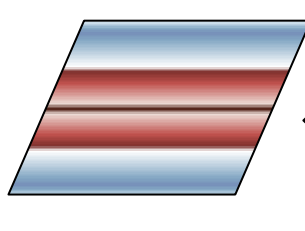
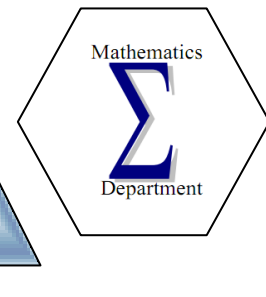
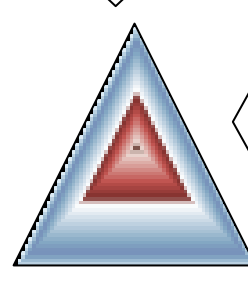


St Ninian's High School



Maths Newsletter



October 2013

Volume 3: Issue 1

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After School Classes

Monday-
Higher and Adv. Higher
Mathematics

Tuesday-
Intermediate 2
Mathematics

Thursday-
S1-S3 Mathematics
Higher Mathematics

Welcome Back!!

Well hello everyone and welcome to the new St. Ninian's Maths newsletter. Sorry for not getting one published in June. It was just so busy and we had so many things to do and places to be. You will all be feeling famished!!

We thought New Year, New beginnings, to be applied not only in all aspects of our daily life. (the bus and in the shops wherever, but in our sch lives and of course in particular, the MATHS NEWSLETTER. That is what we thought.

This edition marks a new chapter in the book. Ne

house in the street. A new sweet in the bag. A New Stripe on the zebra we thought had stopped growing. An old trick in the new dog.

What we are trying to say is that we must leave last year behind, and our old ways with it. That would be a wise thing to do.

Remember what we have said and think about it. That would do you well.

It's too late to say HAPPY HOLIDAYS,

so

HAPPY TODAY,

HAPPY TOMORROW,

HAPPY ALWAYS.

Mark Rae 2a1 & José Dias 2a7

We have new members

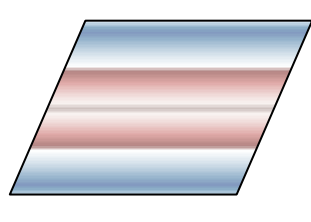
Calum Doyle 2a7.

And

Declan Melville 2a7

Statistics of the weird by José Dias 2a7

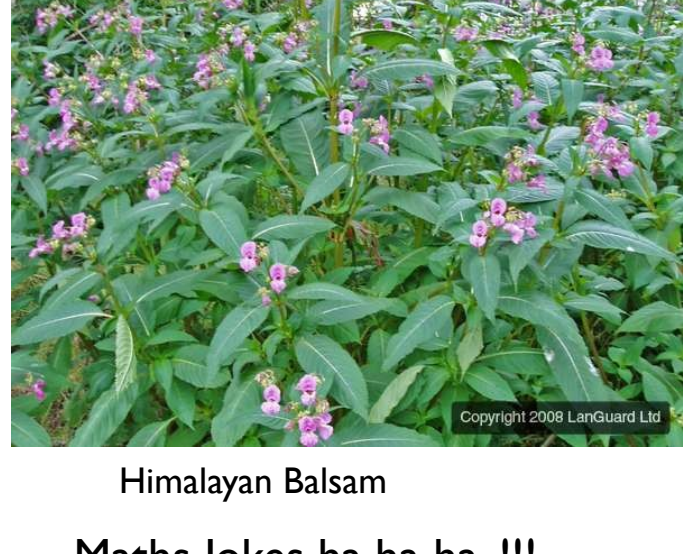
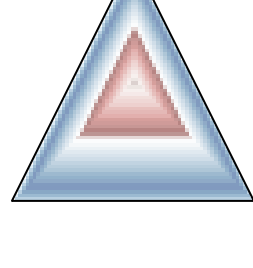
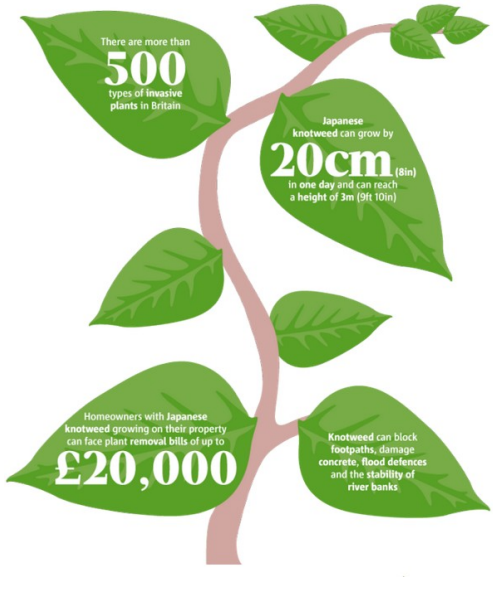
1. In chess, there are 169,518,829,100,544,000,000,000,000,000 ways to play the first ten moves.
2. It only takes 7 pounds of pressure to rip your ear off.
3. You use more calories eating celery than there are in the celery itself.
4. Odds of being killed by falling out of bed – 1 in 2 million.
5. It would take 7 billion particles of fog to fill a teaspoon.
- 6 Driving at 75 miles (121 km) per hour, it would take 258 days to drive around one of Saturn's rings.
7. The average smell weighs 760 nanograms.
8. Termites eat through wood 2 times faster when listening to rock music.
9. 13 people are killed each year by vending machine's falling on them.
10. There are 1 million ants for every person in the world.



The Thug Plants by Mark Rae 2a1

Japanese Knotweed and Himalayan Balsam are two plants that are causing mayhem up and down the gardens of Britain. They look quite attractive plants especially in the case of Himalayan Balsam with it's pink flowers and pleasant fragrance, but both of these plants are very invasive and very strong. So strong that they can, in fact,

weaken the foundations of



Himalayan Balsam



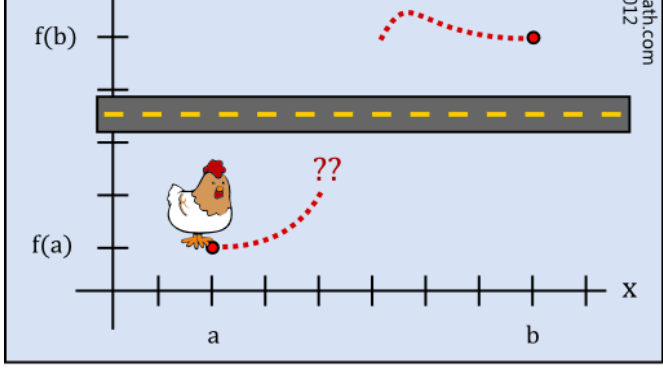
Japanese Knotweed

Maths Jokes ha ha ha...!!!

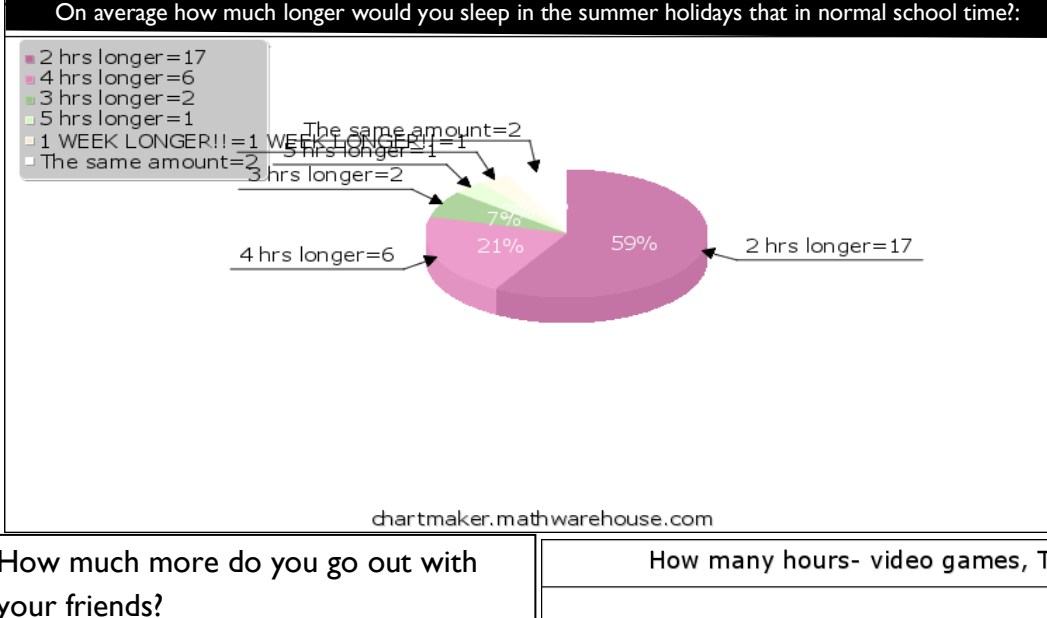
Q: Why did the chicken cross the Moebius strip?

A: To get to the other ... er, um ...

WHY DID THE CHICKEN CROSS THE ROAD?



THE INTERMEDIATE VALUE THEOREM.



How much more do you go out with your friends?

3/29'ths chose once a week.

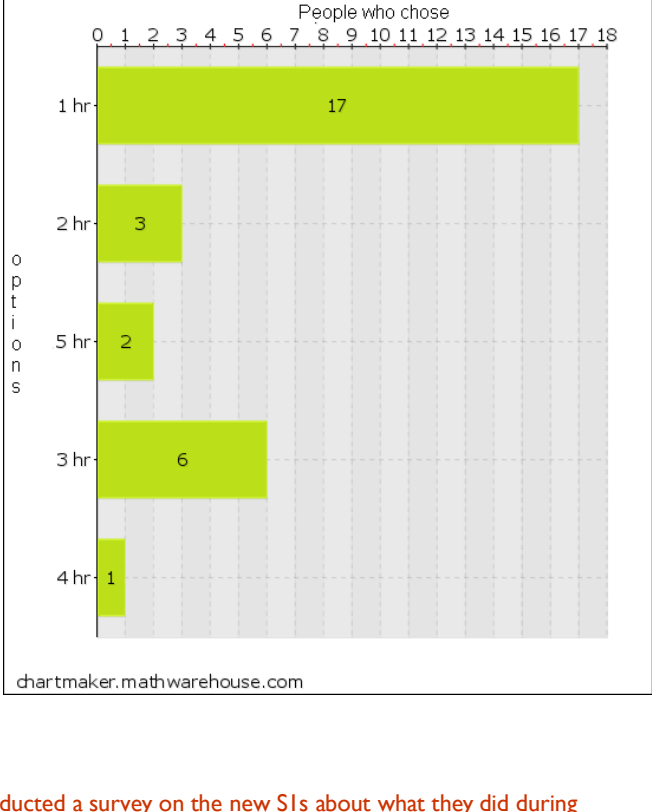
7/29'ths chose twice a week.

10/29'ths chose three times a week.

7/29'ths chose I practically live with my friends.

1/29'th chose 5 times a week.

1/29'ths chose 1/2 hr a week.



Summer Surveys

Recently we conducted a survey on the new S1s about what they did during their summer holidays. The survey was taken out of a class of 29 people. The questions were as follows:

- On average, how much longer do you sleep in the summer holidays, than in Term Time?
- How many hours would you say that, on average, you play video games for or watch television?
- How many times a week would you go out with your friends during the summer holidays?

If you could make the summer holidays longer, would you, and by how much?



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Religion and Numbers Featurette by Mark Rae 2a1

Welcome to the new religion and number featurette. We will look at a different religion each month and see how numbers play their part in them.


This month, I thought that we'd start off EVERY RELIGION. How many people follow a religion?

Christianity is by far the largest. If you think about it, almost every country has some sort of Christian influence in it. There is many missionaries in India and China and places like that. Argentina to Zululand there is some sort of Christian influence.

I was very surprised to see that Judaism only took up 0.22% of the chart. I thought that there would lots more. The same with Sikhism - only 0.36%. I myself was very surprised.


Our second biggest religion was Islam. Islam has spread all over the world. Just like Christianity. I believe that one of the reasons behind this is the time that the main events of these two religions took place- around about the same time, and so have had time to spread. Then on the other hand there is Buddhism and Hinduism, they are really old religions? Have people left these religions over time? I cant say. Will this happen with other religions? We shall just have to wait and see.

By Mark Rae 2a1



Professor Layton's Puzzle of the month


(by Mr Mardones)



No.026
20 PICARATS
COINS: 52

A glass jar holds a single germ. After one minute, the germ splits into two germs. One minute after that, the two germs each split again, forming a total of four germs. Continuing at this rate, a single germ can multiply to fill the whole jar in exactly one hour.

Knowing this, how long in minutes would it take to fill the jar if you had started with two germs?



The answer in the next issue!