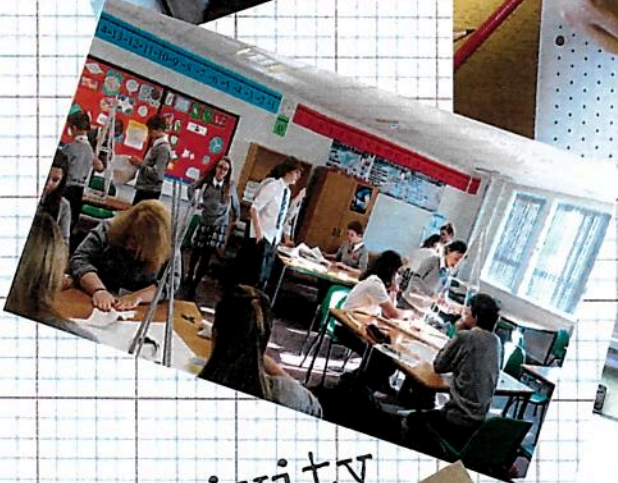
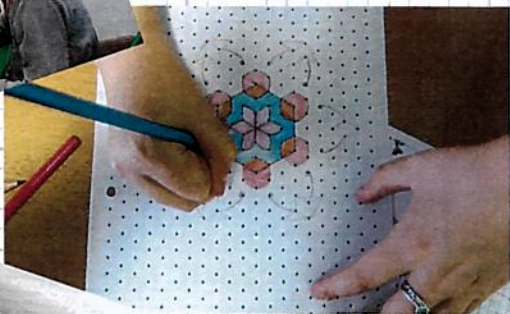
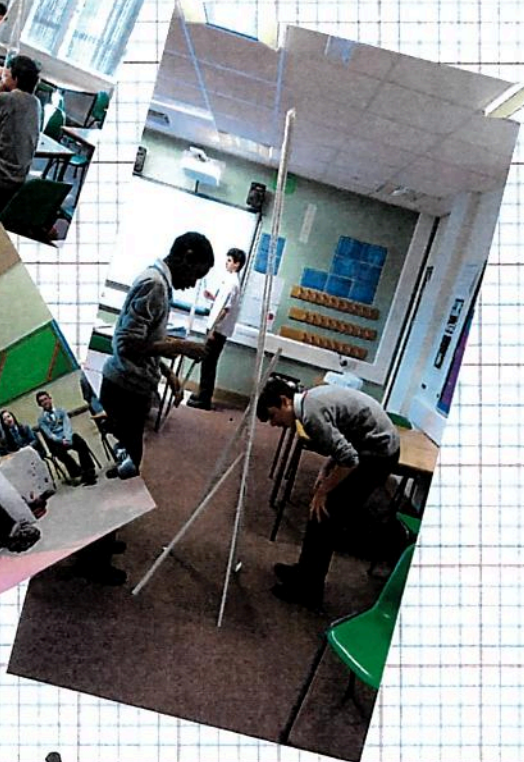
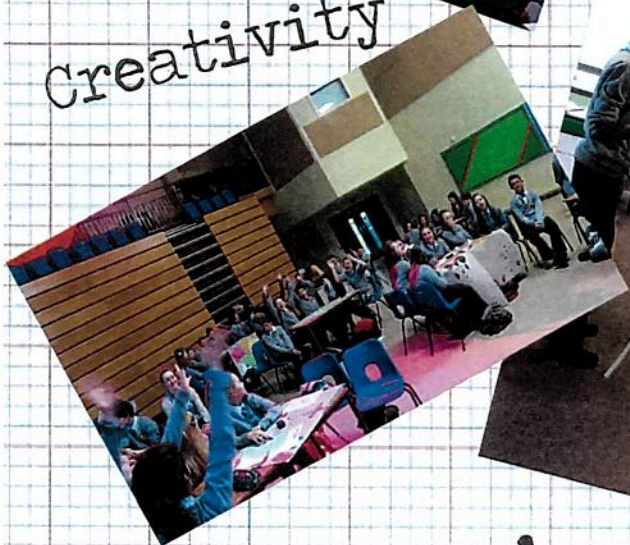


Discovery



Creativity



Fun!



## THE PHILOSOPHY

The Department has a very clear vision of how Maths should be taught. We believe that all students are capable of appreciating and enjoying Maths if it is taught with enthusiasm and humour.

As a staff we are fully aware of the anxiety many students feel towards the subject and it is our job to alleviate this stress.

We operate in a culture where students can tackle problems without fear of failure or recrimination. Making mistakes is part of everyone's mathematical education.

*"Anyone who has never made a mistake has never tried anything new."*

Albert Einstein

## THE STAFF

Maths at Isca is taught by specialists.

All our staff have degrees in Mathematics with a specific emphasis on mathematical education.

We also have an specialist in primary education for our students who need support and a 'boost' when they first start at Isca.

## THE COURSE

Currently, at Key Stage 4, the department follow the EDEXCEL GCSE course. The students sit an examination at the end of Year 11. Revision classes are offered when needed.

A significant amount of our students will sit GCSE Statistics in Year 9

At Key stage 3 students receive a broad mathematical experience with a particular emphasis on problem solving and real life mathematics. The students' progress is monitored carefully by means of a formal assessment every month.

Homework is set by means of the online service My Maths ([www.mymaths.co.uk](http://www.mymaths.co.uk)) Each student is given their own personal login details and homework is set once a week.

## THE RESULTS

GCSE results continue to go from strength to strength. 2013 saw the highest A\*-C grades in mathematics ever recorded at Isca. 66% of our students reached this benchmark.

Whilst GCSE results are good indicator that our philosophy is working, we place equal store on the number of our students who are inspired to go on and study maths further. It is with great pride that many of our students go on study 'A' level maths at Exeter College. The Isca students tend to excel at 'A' level because they have a background in problem solving, resilience and above all, enjoyment.