

# QUEEN ELIZABETH'S GRAMMAR SCHOOL

## MATHEMATICS

### DEPARTMENT NEWSLETTER



ISSUE 3 MARCH 2021

## HELLO AND WELCOME

Welcome to issue 3 of the QEGS maths department newsletter. We have had a busy couple of months in the maths department with assessments for Years 11 and 13, plenty of remote learning for all year groups, maths challenges and competitions. Please read on to find the results of these. Students across the school were also looking at the census this week in their maths and geography lessons, finding out what a census is and why we complete them.

## UPCOMING EVENTS

### Junior Maths Challenge

This is a competition that is usually run in school but may be online this year. It is open to students in Years 7 and 8. Students should have expressed an interest to their maths teacher.

### Codebreaking Week

This weeklong programme of events is scheduled for the summer term and will hopefully culminate in a trip to Bletchley Park.

## DEPARTMENT NEWS

### Intermediate Maths Challenge

We had plenty of success in the most recent maths challenge. 3 Gold, 7 Silver and 3 Bronze certificates. The 3 students who received a gold certificate have also competed in the Intermediate Kangaroo, which is the next round.

### Maths Week

Last week saw the first maths week run in school. Students in Years 7-10 took part in a range of mathematical puzzles and games to win points for their house. It was a very close result overall, but the final results are as follows:

Year 7 - Boothby  
Year 8 - Boothby  
Year 9 - Cokayne  
Year 10 - Spalden  
Overall – Hull

Well done to Hull and a massive thank you to Mrs Hyder for sorting all of the resources.

## PAST STUDENT SUCCESS

Congratulations to our former student Nathan C who has recently gained a place at Cambridge University to study for a PhD in the Foundations of Mathematics. A very prestigious place to study and we all wish him well.

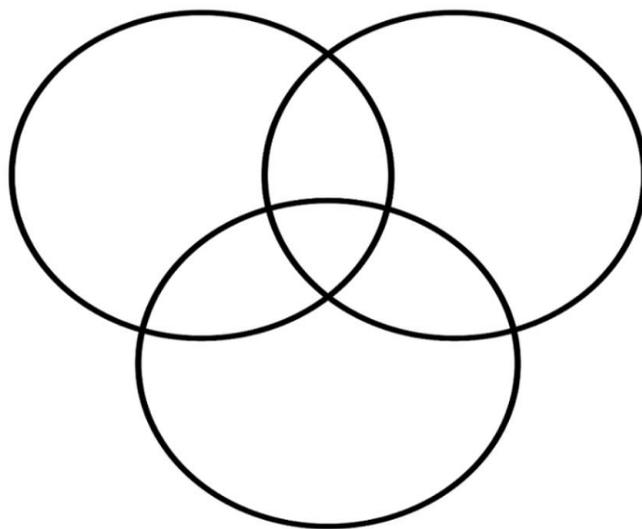
## HELPING YOUR CHILD WITH THEIR MATHS

We have collated all the information on helping your child with their maths and other department information onto its own dedicated page on the school website. This can be found via the following link.

<http://www.qegs.link/maths>

## PROBLEM OF THE MONTH

Place the numbers 1, 2, 3, 4, 5 and 6 on the points of intersection so that the sum of the integers lying on any one circle is equal to 14.



## TIMES TABLE ROCKSTARS

We have recently subscribed to this website and it is fantastic at helping students with their fluency in maths. Especially their times tables, which underpin everything else.

We will shortly be starting some competitions between the students, and potentially the staff! Please get your child to ask their maths teacher for their login details if they do not have them.



### SNAKES AND LADDERS

Year 9 have recently been looking at transformations in their maths lessons and really enjoyed playing snakes and ladders with vectors rather than the traditional counting.



### CENSUS AT QEGS

During the past week students have been looking at the national census in their maths, geography and form time sessions.

They have been discussing why we have a census and the importance of the data generated from it.

They have also taken part in their own mini census within school and analysed the results from this.

This is a great example of cross curricular learning, helping the students to see the importance of mathematics in other subjects.