

# KHS Mathematics Newsletter



Issue 4

March 2018

## What's Happening

### Exam Dates

National 5 Maths: Friday 4<sup>th</sup> May

National 5 Applications of Maths: Thursday 3<sup>rd</sup> May

Higher: Thursday 3<sup>rd</sup> May

### Exam Revision Material

Below you will find a whole set of resources that you can use to support you in the lead up to your final exam. Make sure you are using these **now!** To be successful you need to do regular practise and see how previous exam questions are set out and approached. These are only resources, it is down to you to put in the hard work and practise to see the results.

#### **All levels**

**Scholar** - An online learning environment for pupils to access revision material.

**SQA Past Papers** - Previous years Exam Papers.

**Mathsrevision.com** - Worked examples and self-marking assessments.

**DLB Maths Revision** - Worked examples of past paper questions via youtube.

**Photomath** - Phone app to help solve mathematical problems

Past Paper Book - Document attached to this post.

#### **National 5 Specific**

**Highland Revision Booklet** - Sets of National 5 level questions

**Kelso High School** - Revision Section for N5 course linked to blocks

**Question a day** - Revision Question a day with solutions on this blog

**A/B Questions** - A/B revision question resource with solutions on this blog

#### **Higher Specific**

**WolframAlpha** - online resource to check your solutions

**Gojimo** - Higher Mathematics revision app

**Kelso High School** - Revision Section for Higher course

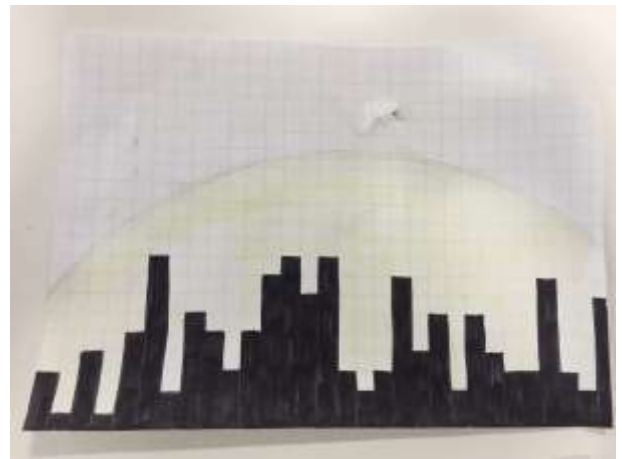
### Pi Day

Pi day was on March 14<sup>th</sup>. To celebrate this fantastic number we incorporated Pi into our S1 and S2 lessons, from the history of Pi to eating pie. Happy Pi Day everyone!!

## In the Classroom



Fantastic maths art done by our S1 and S2's to celebrate Pi Day.



Some examples of work done by our S3's.

Sector area party hats and Area and Perimeter Farm project.



# Puzzle

## Flower Puzzle

$$\begin{array}{l} \text{Red flower} + \text{Red flower} + \text{Red flower} = 60 \\ \text{Red flower} + \text{Blue flower} + \text{Blue flower} = 30 \\ \text{Blue flower} - \text{Yellow flower} = 3 \\ \text{Yellow flower} + \text{Red flower} \times \text{Blue flower} = ? \end{array}$$

## Answer to Last Puzzle:

$$4 \times 4 + 4 \times 4 + 4 - 4 \times 4 = ???$$

20

## Technology: Apps and Links



### My Study Plan App

Free from the SQA, this app helps you create a fantastic revision plan based around your own personal exam timetable



Check out the mathletics app! Challenge people all around the world at home.

## WHEN A MATHEMATICIAN'S TIME IS UP

3-24

Who are you?

The Angle of Death.



## Maths in the News

Largest known prime number discovered with over 23 million digits. Discovery made on computer belonging to electrical engineer who searched for the elusive number for 14 years.



[Click here for the story](#)