



NEWSLETTER

Friday 17th January 2020

Headteacher Message

Dear Parents and Carers,

Thank you to parents/carers, Governors and community representatives who have taken the time to come and meet with me this week. The feedback I have received about what we do well and areas for development will be very useful.

Thank you also to the families of our Year 11 pupils who attended the Parents' Evening to discuss academic progress, pupil motivation/belief and the examination success plan.

Year 11 pupils received their pre public (mock) exam results this week. They now have 13 school weeks left before the examination series of 2020 starts. Our assemblies to all year groups this week have focused in on making the most of the 920 days that pupils get at Dean Trust Rose Bridge and leaving the blazer in a better place.

I have fed back to pupils on what I have noticed around the school in the last 9 days. Many pupils try very hard, engage well in learning and immerse themselves in school life. A small minority of pupils do not and I have challenged those pupils to ensure they conduct themselves safely, that they are ready to learn and that they are respectful in school. This is a non-negotiable. I want us to demonstrate that children from Dean Trust Rose Bridge can do as well as those from anywhere else. I look forward to your support in working as a team to achieve this.

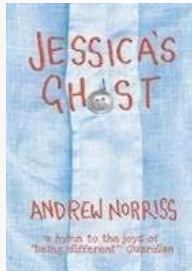


James Haseldine
Executive Headteacher

Book of the Week

This week's book is 'Jessica's Ghost' by Andrew Norris, recommended by Claudia Kowalska (Y8):

'Jessica's Ghost' is about a lonely boy called Francis who makes friends with a ghost he meets at school one lunchtime! At first, he thinks he is the only one who can see her, but then Andi, another lonely and unhappy teen, can see her too...



Together they must solve the mystery of how she died, or she will remain a ghost forever. This book had lots of twists and turns and kept me gripped from start to finish!

Food Allergies - Please let us know if your child has any food allergies:



If this is you, we can help!

Here at Mellors Catering Services we can cater for students who have an allergy or intolerance.

We will meet with you to discuss what you would like to eat off the menu and whether it's suitable. If not, we will do what we can to adapt the recipe for you or find a suitable alternative.

There is no reason why you can't have a varied diet whilst at school and eat in the dining room with your friends, so come and speak to us. Please bring a medical note from your doctor or dietician so that we can register you and understand your needs.

Parents/Carers – we need your help!

To help us run more frequent and effective Careers activities in school, we are hoping that you may be able to help us. We would like help from any parent/carer who is able to provide information about their own career or job role or assist with mock interviews. Research shows that having greater engagement with employers and companies raises pupils' engagement and aspirations. If you are able to help, please could you email your name, contact details and job role/company name to office@deantrustrosebridge.co.uk or call the main school number with your details. Thank you.

MATHS EXTRA-CURRICULAR OPPORTUNITIES

In the Autumn term the 'Maths Enterprise Club' was formed with members from Year 7 researching and creating products to sell at the Dean Trust Rose Bridge Christmas Market to raise money for the school's chosen charity. The group decided to make a range of biscuits and sweet treats which they baked themselves and then sold at the market. Over the course of four weeks they first completed market research, presented their results and then finally baked and packaged their goodies before selling them at the whole-school event. The products were a massive success and the group sold out. The Year 7 pupils thoroughly enjoyed taking part and they already have plans to create products to sell for their chosen charity at Valentine's Day.

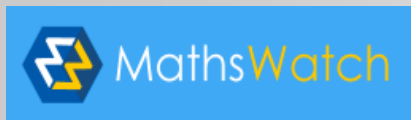


Every day there are a number of opportunities for pupils to get involved in the Mathematics Department. The department's extra-curricular calendar is below and offers a range of activities from help and support with classwork to Darts Club.

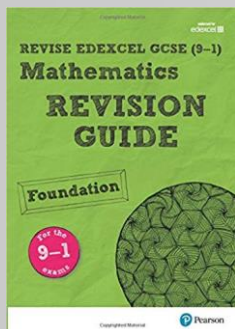
	Monday	Tuesday	Wednesday	Thursday	Friday
Form time	Year 7 Symphony Maths (MA1)	Year 7 Symphony Maths (MA1) Year 11 Higher Revision (MA4)	Year 11 Higher Revision (MA4)	Year 7 Symphony Maths (MA1)	Year 11 Higher Revision (MA4)
Lunchtime	Homework (MA1)	Homework (MA1)	Homework (MA1) Mathletes Club (MA4)	Homework (MA1)	Homework (MA1) Games Club (MA2)
3pm – 4pm		First Aid Training (MA4)	Year 11 Revision (All rooms)	Darts Club (MA5)	

Y11 REVISION AND HOMEWORK

All Year 11 pupils have access to the MathsWatch and Method Maths websites. MathsWatch is a website that has over 150 videos that are designed to help pupils with any topics that they may be struggling with or ones that they need to recap before their exams. MA1 is available at lunchtime everyday for pupils who wish to use the computers to revise or to complete their homework. Parents and carers of Y11 pupils were given a personalised booklet at parent's evening with a list of topics that they need to revise along with the relevant clip on MathsWatch. pupils should be revising in small chunks (little and often.)

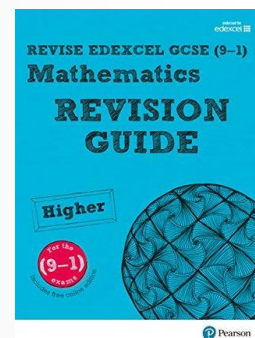


www.methodmaths.com
<https://vle.mathswatch.co.uk/vle/>



Revision guides and workbooks are available to be bought from the maths department at a highly subsidised price of £2.99 each (RRP £5.99.)

These are available for both higher and foundation pupils and are designed to be used alongside the Edexcel GCSE course taught in school. If you would like to purchase any of these please contact school to place your order.



MATHEMATICS DEPARTMENT AMBASSADORS



A number of pupils have already met the criteria needed to be awarded the maths department badge. These pupils will represent mathematics around school as ambassadors for the department.

Mathematics Department Badge Criteria

- No behaviour points in maths lessons
- 100% homework completed
- Attend or help at a Maths extra-curricular club/activity/revision sessions
- Achieved or Mastered their end of unit tests
- For year 11 attend a minimum of 4 maths revision sessions



Weeks Left

13

Until GCSE
Examinations Start

Year 11 Parents/Carers

Thank you to all those Parents/Carers who attended the Year 11 Parents Evening on Thursday. If you were unable to attend, can you please contact Mr White as **soon as possible** on 01942 510712

Faculty of the Week: Mathematics

WEEKLY MATHEMATICS PROBLEM

Well done to Daniel F, Klaudia K and Megan T for being the first three pupils to correctly answer last week's mathematics problem. The solution is shown on the left. This week's mathematics problem is bottom right. Pupils should send their answers to Mr Dearnley by 3pm on Wednesday 22nd January. Prizes for the first three correct answers!

We need to know how many votes the winner received by we don't know this value. To help with our working out we will call it x .

Winner : x

Candidate 2 : $x - 2648$

Candidate 3 : $x - 5216$

Candidate 4 : $x - 7141$

Candidate 5 : $x - 10692$

Total : $5x - 25697$

We know that the total number of votes was 46298.

We can now form an equation

$$5x - 25697 = 46298$$

$$\begin{array}{r} \text{Start to solve} \\ \text{by } + 25697 \\ \text{to both sides} \end{array} \quad \begin{array}{r} 5x - 25697 = 46298 \\ + 25697 \quad + 25697 \\ \hline 5x = 71995 \end{array}$$

$$\begin{array}{r} \text{Now divide both} \\ \text{sides by 5} \end{array} \quad \begin{array}{r} 5x = 71995 \\ \div 5 \quad \quad \div 5 \\ \hline x = 14399 \end{array}$$

Therefore the winner received 14399 votes. The other candidates must have received 11751, 9183, 7258 and 3707 respectively.

WEEKLY MATHS PROBLEM

Can you solve this weeks maths problem? Please pass your answers to Mr Dearnley by 3pm on Wednesday 15th January. The first three correct answers will be rewarded with a prize!

In a recent election for mayor a total of 46298 votes were cast for the five different candidates.

The winner beat his opponents by 2648 votes, 5216 votes, 7141 votes and 10692 votes respectively.

How many votes did each candidate receive?



HINT: We need to know how many votes the winner received but the question doesn't tell us. In questions like this, you will need to use algebra.

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WEEKLY MATHS PROBLEM

Can you solve this weeks maths problem? Please pass your answers to Mr Dearnley by 3pm on Wednesday 22nd January. The first three correct answers will be rewarded with a prize!

- Think of a number.
- Double it.
- Add 10.
- Halve it.
- Subtract your original number.
- Your answer is 5.



- Think of a number.
- Square it.
- Add your original number.
- Divide by your original number.
- Add 17.
- Subtract your original number.
- Divide by 6.
- Your answer is 3.

Why do these puzzles work with every number? Is it just a coincidence or is it something more? Prove **algebraically** (by using algebra) why the answer will always be 5 and 3.

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STARS OF THE TERM

Congratulations to the pupils below who have been nominated by their mathematics teacher for their outstanding effort and attitude to learning in the Autumn term. Well done everyone!

YEAR 7 – Kourtni C

YEAR 8 – Kenzie S

YEAR 9 – Teoni P

YEAR 10 – Tilly I

YEAR 11 – Jude H



'MATHLETES' CLUB

We have invited our top achievers from Y7-10 to compete in teams to use their brain cells to solve tricky maths problems. The team with the highest points at the end of each half term will win a prize.



Meet the Department

