# **BETHS VIP**

Excellence - Community - Respect - Nurture

# MESSAGE FROM THE HEADTEACHER

Dear Parents, Carers,



Happy New Year! I hope you have had a good Christmas break and managed to take time for yourselves. Our first week back and for some, it will feel like the break was a long time ago!

This is a short term (4 weeks to go) and there will be lots to get though during this time, it is especially important for those in exam groups to really push themselves, utilise the resources available to them to get the grades they deserve in the summer.

We start the New Year off with some positive news reported in the local media this week. You may be aware of the Progress 8 score, which is a score showing how much progress pupils at a school have made between the end of key stage two and the end of key stage four, compared to pupils across England who got similar results at the end of key stage two. Beths Grammar came joint 2nd with Bexley Grammar School with a positive Progress 8 score of 0.62. A copy of the article can be found here

https://www.newsshopper.co.uk/news/24020011.best-worstsecondary-schools-bexley-named-government/. I would like to praise my staff and scholars for their hard work and determination to succeed.



@BethsGrammar





@BethsGS

I would like to remind you of some school processes, which can easily get forgotten in our busy lives:

#### **Student Absence**

If your scholar is absent due to illness or medical appointments, please can you email or leave a message for the relevant Attendance Officer with details of the absence. Medical appointments should have evidence provided (appointment letter, screen shot of appointment etc.)

KS3-4 = <u>Attendance@beths.bexley.sch.uk</u> KS5 = <u>6Fattendance@beths.bexley.sch.uk</u>

Absences should be reported each day. The school does not operate a 48 hour policy following a sickness absence. If your child has not been sick for 12 hours following the time they were sick, then they will be able to attend school.

Absences during term time should be avoided where possible. Any requests should be emailed to the Headteacher via <u>HeadsPA@beths.bexley.sch.uk</u>

#### **Student Lanyards**

These are part of the school uniform and essential to our Health & Safety and Safeguarding policies. Please remind your child to wear them, signing in and out on the schools Inventry system.

### <u>Vaping</u>

A reminder to our scholars that vaping is not permitted on school premises. There is a legal age limit with this and if a scholar is found vaping or has one on their person, they will be excluded in line with our Behaviour Policy.





#### **Unwanted Weather!**

This time of year, we constantly hear threats of snow and with how the temperature has dropped this week, there could be a possibility of this happening! Bearing this in mind, we thought it helpful to remind you of the school's procedures.

In the unlikely event that the school is closed due to adverse conditions we will make every effort to make information available to staff, students and parents by 6.30am. However, it may not always be possible to make the decision by this time, so we would ask for you to be understanding. A decision will be made by 7am. If the school is open, parents, staff and students will be advised of the start time. If the school is closed, lessons will revert to online learning at home.

This information will be available on the following websites:

School website <u>www.beths.bexley.sch.uk</u>. A 'yellow sticky' will appear on the front page of our site clarifying whether we are open or shut.

Bexley's School OpenCheck website <u>http://map.lgfl.org.uk/opencheck/default.aspx?la=303</u>

Parents without internet access can phone 020 8408 7508 and enter the school's DfE number, 3035403, to get the same information.

**Beths Grammar School** 

@BethsGS







#### Dates for your diary:

15th January - Year 10 talk from TfL 16th January - Year 9 talk from TfL. Year 11 Parents Evening bookings open @ 7pm 17th January - Year 10 in person Work Experience Launch 18th January - Year 10 Andulsia trip Parents Information Evening @ 6pm 19th January - Year 8 & Year 11 reports sent home 23rd January - Year 11 Parents Evening bookings closes @ 7pm 24th January - Year 9 DTP/Men ACWY vaccination 25th January - Year 11 Parents Evening 16:30-19:30 27-28th January - CRY on-site testing 29th January - Year 13 Trial Exams commence 31st January - Year 10 Andalusia Trip goes off 1st February - Year 8 Parents Evening in Person 2nd February - Year 12 reports sent home 8th February - Year 10 RSE Drop Down Day 9th February - Year 13 Trial Exams end

> Have a lovely weekend. Richard Blyghton







## **YEAR 10 JUNIOR PREFECTS**

A massive congratulations to our new Year 10 Junior Prefects. This is a wonderful opportunity for our students to take on leadership roles, and develop many skills. We hope you enjoy your time as Prefects, and continue to be a shining example to many.









## **COMPUTING NEWSLETTER**

The latest edition of CS Uncovered a newsletter written by our Computing society students is now available to be viewed on our website. This issue includes articles about smart cities, predicting stock prices and much much more!

https://www.beths.bexley.sch.uk/page/?

title=CS+Uncovered%2D+Computing+newsletter&pid=413



include Time Series, where data is col Include Time Series, where data is col-lected at regular time intervals (Stock Price data is what we will be using for the Time Series data), Natural Language Text and much more. An RNN remem-bers previous time steps and uses that to make predictions.

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PREDICTING STOCK PRICES

th Long Short-Term M

A (Brief) History of Linux

to make predictors. Imagine you are trying to predict the next word in a sentence, if you look at the previous words, you will have a bet-ter idea of what the next word is likely to be. This is simply how RNNs work, they use an internal memory to process se-quences and use those to make a pre-diction. These features are not present for a classic neural network such as a feedforward neural network. Who is 15 Mu used instead thounh?

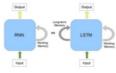
As previously stated, LSTMs are a type of RNN, but the internal memory used in a LSTM network allows them to store long -term dependencies in the data. The memory cells consist of gates which are the input gate, forget gate and output gate and they regulate the flow of data, and they used to determine whether and they are used to determine whether data should be retained or forgotten This is why Long Short-Term Memory networks are used instead of Recurrent Neural Networks for Stock Price Predic-tion.



@BethsGrammar

future? As astonishing as it sounds, it is possible with the use of Machine Learnpossible with the use of Machine Learn-ing algorithms, which make predictions by finding on patterns across huge amounts of data, but it doesn't mean it is always accurate. In this article we will be exploring a Machine Learning model called Long Short-Term Memory (LSTM) and its applications for predicting the future prices of a stock.

Memory and Recurrent Neural



tionship - such that points in the dataset are dependent on other points in the dataset. Examples of Sequential Data





## SIXTH FORM BUILDING UPDATE

Update on our new Sixth Form building as the works progressed over Christmas!





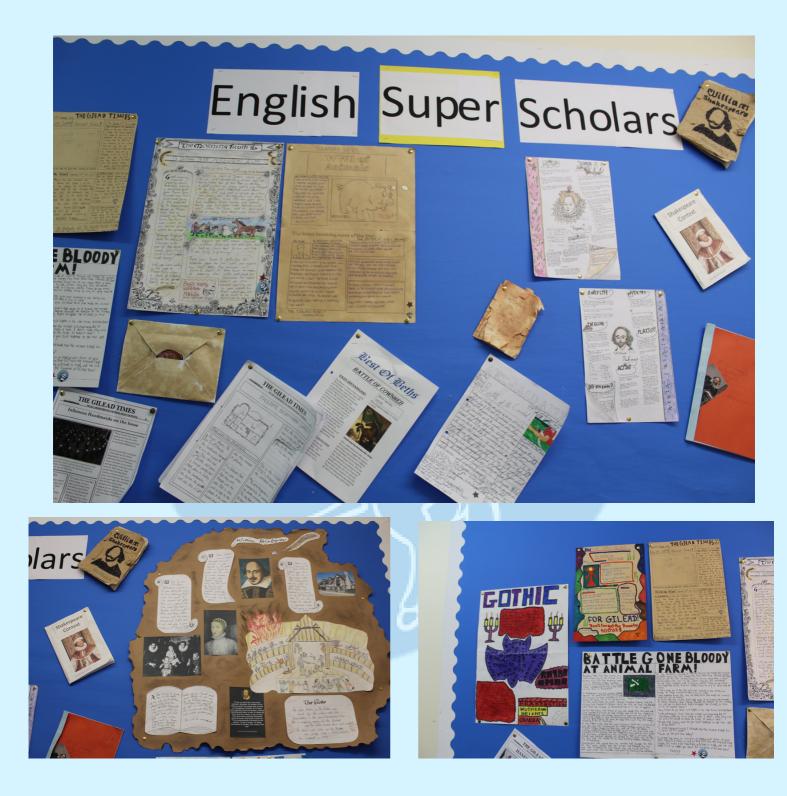






## **ENGLISH DEPARTMENT**

Our English department have a fantastic English Super Scholars display. This is a wonderful opportunity for students across year groups to display their work for the rest of the school to see!









## **FIXTURES AND RESULTS**

## Fixtures for week commencing 15th January.

FOOTBALL								
Date	Competition	Team	Opposition	Venue				
15.01.24	North Kent	U16A	V Wilmington Grammar	Away	2:30pm			
17.01.24	Kent League	1 <sup>st</sup> XI	V Bexley Grammar	Home	2pm			
17.01.24	Kent League	2 <sup>nd</sup> XI	V Farringtons School	Away	2pm			
18.01.24	North Kent	U14A	V Bexley Grammar	Away	2:30pm			
19.01.24	North Kent	U15A	V Hurstmere	Away	2pm			

BASKETBALL								
Date	Competition	Team	Opposition	Venue				
15.01.24	Kent Cup	U18A	V Northfleet technology college	Home	3:30pm			
16.01.24	Kent Cup	U12A	V Trinity	Home	4pm			
17.01.24	Kent Cup	U18A	V Hayes	Home	2pm			

RUGBY								
Date	Competition	Team	Opposition	Venue				
16.01.24	Friendly	U14A	V Dartford Grammar	Home	2:15pm			
19.01.24	Friendly	U12A	V Dartford Grammar	Home	2:15pm			
19.01.24	Friendly	U12B	V Dartford Grammar	Home	2:15pm			

\*Please note that some matches may be cancelled/postponed and therefore we ask you to keep an eye on the SOCS website. Beths Grammar School | Sports Home (<u>bethssport.co.uk</u>).

If you have any questions, please email us at fixtures@beths.bexley.sch.uk





# KEEPING YOUR CHILD SAFE ONLINE





@BethsGrammar





# BETHS GRAMMAR SCHOOL, HARTFORD ROAD BEXLEY KENT DA5 1NE

Email Address: admin@beths.bexley.sch.uk

Email Address (to be used for items/concerns of a more 'sensitive' nature): HeadsPA@beths.bexley.sch.uk

**Telephone Number: 01322 556538** 

