



Operating Live in the BGS Theatre



**The following article is
not for the faint hearted!**

When the opportunity to participate in the 'Operating Theatre Live' arose, I was extremely excited. It promised to give a hands on anatomical experience in a clinical environment whilst gaining an understanding of the major organ systems in our bodies.

The day began with a reality shock. We were made aware that only 1 in every 10 students will be successful in their medical application. As an aspiring medical student, this motivated me to be that 10%. Samuel Piri, the organiser of this event, gave us a scenario: tell a mother and father that their daughter has died. How could you convey that in a compassionate and empathetic way? This question taught me that medicine isn't all about scientific knowledge, it's also about communication skills and being personable.

After this sombre start, we went on to learn about anaesthetics and how they work. General anaesthetics work in three parts: induction (going to sleep), maintenance (staying asleep), and emergence (waking up). After learning the theory, we had to calculate the dosage of general anaesthetic to give to our patient. We talked Ms West through the procedure (even though she was a dummy) to develop our communication skills. We were made aware that the slightest rounding up of figures would induce a coma in our patient.

Later on, we were given some knowledge of the anatomy of the brain and eyes. They gave us a pig's head, cut along the medial line and told us to scoop the brains out with our fingers. I had the opportunity to pull off the meninges, which contained all of the blood vessels. A few people were squeamish, but on the whole everyone participated enthusiastically. The best part was when we had to pull the eyeballs out of the pig's head. It was surprisingly hard, and took nearly 15 minutes with three of us snipping at the recti holding the eyeball in place. When it finally popped out, we squashed the eyeball and cut into it. This released a thick, black liquid that oozed onto our hands.

Even more interesting was when we cut into the heart only to find a post-mortem clot. It fell out of the ventricles and onto the table and the floor, which the teachers weren't too pleased about. We found that our pig had a nodule on his lungs which we were allowed to cut out and hold. I felt like a proper surgeon whilst cutting out this nodule, except it wasn't as neat as it should have been. Over time, hopefully this will improve (for the sake of the patients).

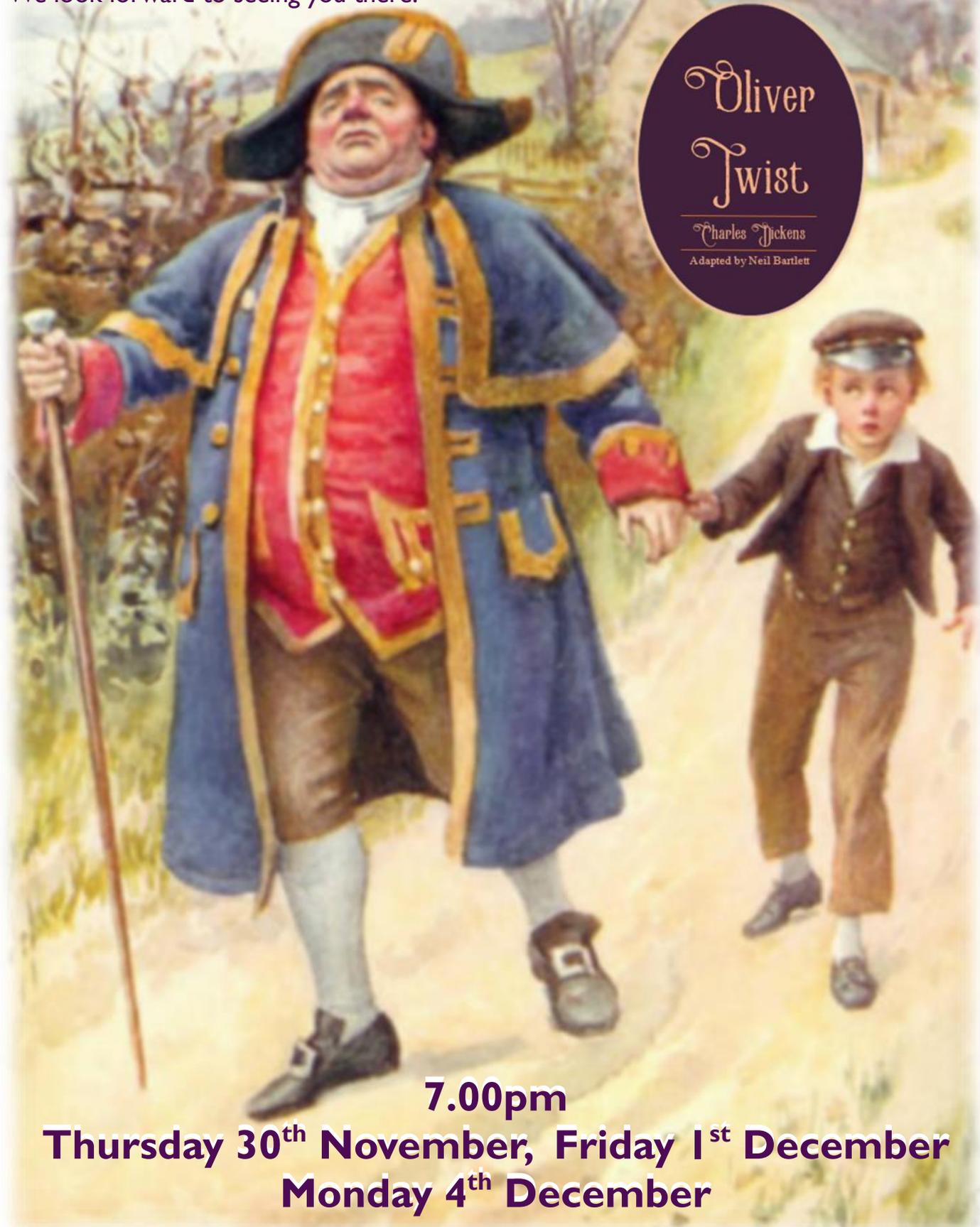
After the event finished, we were all hungry for lunch. After experiencing body parts we never thought we would have the opportunity of seeing, and smelling smells we wished we never had the opportunity of smelling, we were more prepared for the future in any health career. And we definitely have much stronger stomachs after this enthralling experience.

Corinna Dunzendorfer, Year 12



Charles Dickens' *Oliver Twist* - School Play

We are very excited to announce that tickets will be available in the next Newsletter. Act fast and grab one of the best seats - this is a great chance to see the wonderful new K10 Theatre and our fantastically talented pupils. Just keep your eyes out for pickpockets... We look forward to seeing you there!



*Oliver
Twist*

Charles Dickens
Adapted by Neil Bartlett

7.00pm

**Thursday 30th November, Friday 1st December
Monday 4th December**

Geography homework has gone big with 7JED & Mrs Belton-Owen

7JED did their first big homework task as the class were asked to Make, Bake or Draw a mountain to show how height is shown on maps. This links to the lessons that students have been doing on map skills. The piece could include contour lines, spot height or show layer colouring. The challenge of this task was to include more than one method in the piece and to get creative!

The outcomes were amazing and hugely impressive, with at least 4 students baking a mountain cake. These were of course eaten up at lunch time before photos could be taken! Hannah Trowell's cake included a river and flags to show spot height, while Abigail Ward used different coloured icing to show layer colouring. There were also a range of amazing model (all are on show in M3). With a fabulous contour map made by Taiga Tsuchiya - his model was an accurate copy of real contours too!

Other models showed both layer colouring and spot height, with Hannah Batt impressing the class with the addition of trees. Great pictures included Mason ckenna, as he drew one of Mrs Belton-Owen's favourite mountains, Snowdon, North Wales.

Well done to everyone, what a great start to the year and your Geography homework.



Passport to the World Club

Passport to the World, Geography Club, has started the new school year with a hive of creative activities taking place in M19.

So far we have made origami Himalayan Mountains with juicy geographical facts, begun designing new games and this year's paper mache balloons are hanging up ready for painting next week.

If you would like to come and join in the fun... and eat the odd biscuit or two come to M19 at 3.05pm on Mondays.

All year groups welcome.

Mrs Belton, Head of Geography

Library News

Reading Group



The PA have generously given me money to run a reading group for the Trinity Schools Book Award. This will involve weekly meetings where we read and discuss seven carefully chosen books in this year's theme of 'A New World'.

Students taking part in the group will be able to write reviews and take part in fun activities, and they will also attend the TSBA awards ceremony in March, during which they will be able to meet three of the authors. You can find more information about the award here: <http://tsba.edublogs.org/>.

The reading group is open to all book lovers from Year 7 and 8. Please come to the Library to sign up and let me know which days you are free after school. We will run the reading group on the day that most students can attend.

Thanks,

Mrs Carey, School Librarian



PA Race Night

Friday 10th November 2017
Doors open at 7.00pm for a 7.30pm start

Entry

£2.00 adult

£1.00 child

Click [here](#) to book your tickets
find out more

PE News

What. A. Week! Wins for the Year 7 Rugby Team, Year 7 B Football Team, Year 11 Football Team and Year 9 Football Team were joined by a 6-2 win for the Year 8 boys and a 10-0 win for the Year 7 & 8 girls on Friday afternoon. Well done everyone!

Mr Lines, Head of PE

Year 7 Boys' Rugby

Well done to the Year 7 Rugby Team for achieving two wins from two! A brilliant 40-15 win over a determined Hurstmere team on Tuesday this week. 8 super tries and some great tackling again from the boys. Scorers this week were, Moyo (2), Joseph, Ollie, Ceejay, Jonathan and Dayo. Rest up over half term ready for more after the break!



KS3 Girls' Football

Great start to the Girls under 14s Kent Cup. The girls put in a great performance beating a strong Bonus Pastor side 3-2. Well done to all the girls and a special well done to Prosper Year 8 for achieving player of the Match.

Mrs Haslam



Team Players

- Scarlett Barber
- Freya Bibby
- Freya Bucksey
- Lily Hewitt
- Gracie Speak
- Milly Hooton
- Prosper Omopariola
- Leyla Cilek
- Maddy Eldred
- Sasha Hodden
- Kacey-May Smith
- Philippa Verge
- Timi Osekita
- Isabel Lilly
- Libby Garrod-Jobbins

Well Done Year 7 Squad!

On Wednesday 11th October Bexley Grammar School Year 7 school Football Team played a very talented Well-ing School Football Team in the Kent cup. It was a very impressive performance from us and we came away with a 7-1 victory. The goals came from the very talented Obi with a hat trick, Arinze with two when he came off the bench, Malachy with a stunning goal and the same from Emmanuel. We learnt from the last game and made less mistakes. The defence and midfield were tight and brilliant as was the attacking and finishing. Also, our fantastic keeper (Aiden) pulled off some excellent saves and was confident when getting balls played back to him by the defence. Even though the team was fantastic none of this would have happened without an opposition and we should congratulate them as they didn't drop their heads and scored a magnificent goal in the closing stages of the game. Also, we need to thank Mr Martin because he was the one who brought the team together and gave us the advice and encouragement to go on and win the game.

Well done everyone who took part, thank you, Mr Martin and let's hope we win next week against Charles Darwin in the Kent Cup.

Oliver Knight, Year 7

Bexley Grammar UI2

**Charles Darwin 0 - 0 Bexley (after extra time)
BGS win 2-0 on penalties**

On the 17th October 2017 Bexley Grammar School played a very talented Charles Darwin School in Football. (A slight change of plan as we were supposed to be playing Cleeve Park). This was a Year 7 Kent Cup match. The game was intense and went down to penalties. It all came down to our fantastic goalkeeper Aidan, who delivered and made us win 2-0 on penalties. Somehow Aidan managed to save all four of the penalties the opposition took.

We started the game strongly as the game kicked off. We had a lot more of the ball, but we just couldn't put the ball in the back of the net, having a goal by Malachy disallowed for offside. Coming in from half time we were very positive as we had hit a few just wide of the post and made their keeper pull off some brilliant saves. We had also worked the ball well and were winning most of the fifty/fifty challenges. At half time, though one of our key players, Malachy, had to leave for training with Charlton.

As the second half kicked off, we stopped winning the fifty/fifty challenges and our heads dropped. Our opposition came on top and we were caged in at the back. Although we hit the crossbar on the break, through Arinze, our performance in the second half wasn't as strong as we kept giving the ball away.

The game went into Extra Time and as that whistle blew to start the first five minutes we sprang to life and were going in hard into the tackles and we were very positive. We still couldn't finish our opportunities.

The last five minutes of the game was nerve racking we were pressing their defence trying to break through but we couldn't. They were very talented all over, especially their defence and keeper. With thirty seconds to go Brian struck a fine shot which shook the crossbar and bounced out of play; it definitely would have been the winner! That was the end. Penalties were to happen.

In the end we won 2-0 on penalties, with Aidan saving all four penalties, Liam and Riley scoring theirs. Some brilliant saves were made from both keepers. It was a brilliant performance again by Bexley Grammar which means we are through to the next round of the Cup. Well-done everyone and thank you Mr Martin for refereeing and managing and thank you for our two Sixth Form linesmen who supported us and gave us a lot of encouragement.

Oliver Knight, Year 7



Team Players

Ilkan Aydingun
Liam Hutchings
Obi (Brian) Igwe
Emmanuel Eyin
Arinze Chukwujekwu
Dillon Walton
Oliver Knight
Leo Ridge
Malachy Turner
Aidan Wicks
Dexter Gilchrist
Riley Woods

Could your child be the next Young Games Inventor of the Year?

Is your child bursting with creative ideas? Do they love board and card games? If so, they are just who we're looking for!

For the past five years, The Green Board Game Co – an educational family games brand – has been hosting a nationwide competition to find the best new game idea invented by a school-aged child.

The perfect half-term activity

With the deadline for entries fast approaching (Oct 31st), the half-term break is an ideal time to let your child's imagination run wild and see what game idea they come up with!

A memorable prize

The winner will receive their own height in board games, as well as seeing their game idea brought to life by our creative team. And all this happens at the annual Toy Fair in London, where the winner will be a VIP for the day! Go ahead and [read the story of last year's winner](#).

How to enter

To enter, either complete and return a [downloadable entry form](#) or simply [visit our website to submit an entry online](#).

Happy inventing!

The Green Board Game Co
www.greenboardgames.com



News Items You May Have Missed

Music Department Notices

Wednesday 1st November - Year 7 Concert, 4.30pm

This concert will involve the whole of the Year 7 cohort performing just 8 weeks after they joined the school! Come and hear our Year 7 Music groups singing songs they have learned, and some of the Year 7 musicians perform as soloists! Year 7 students who want to play a solo should sign up ASAP at: <http://www.bgsperformingarts.com/y7-concert-2017.html>. Tickets will be available to buy only on the door - they cost £3 and £2 concessions.

Wednesday 22nd November - KS5 Showcase, 6.00pm

An opportunity for our oldest musicians to perform as soloists, in chamber groups and hear some of our ensembles. Come and enjoy some amazing music from our talented IB and A-Level musicians as they record solos for their Performance Portfolios. Tickets will be available to buy only on the door - they cost £3 and £2 concessions.

SCHOOL OF ROCK Auditions

Auditions for anyone who wants to be in the cast will be Friday 10th November at 3.05pm in the Hall. You don't need to be able to play an instrument to be in the musical! If you do, though, and you want to audition for one of the playing-instrument roles, please audition by video. All information can be found at: <http://www.bgsperformingarts.com/schoolofrock.html>



CHRISTMAS CONCERT - Advance notice of a date for your diaries!

The School Christmas Concert, featuring all the main school ensembles will take place on **Tuesday 5th December at 6.00pm** in the Hall. Tickets will be available to buy in advance online - more information after half-term.

Playing: Junior Orchestra, Symphony Orchestra, Junior Jazz, Big Band Theory, Improv Group, Junior Choir, Senior Choir, Junior Chamber Choir, Chamber Choir, Clarinet Choir, Brass Group and KS4 Ensemble.

Miss Swadkin, Head of Music

My time at Bexley Grammar ... so far

Some of our Year 7s have been helping with the Open Day Edition of the weekly newsletter. They have been telling us about their experiences and offering friendly advice to prospective Year 7 pupils hoping to join BGS next year.

Click [here](#) to read their stories and also Mr Elphick's Open Day message to Year 6 pupils.

My time at Bexley Grammar ... so far

I have coped well, moving from primary to secondary school. I have become more independent and I have learnt to become more organised. I have made many friends and I have joined many fun clubs. I have enjoyed my time at BGS, so far and I am sure I will in the future. I feel like I have really settled in!



The thing I was most worried about was making friends. However, on my first day, I realised that I did not have to worry. There are many people in my form, making it almost impossible for me not to make friends. If you are worried about making friends, like I was, all you have to do is be yourself and people will like you for who you are. Another thing I was worried about was getting lost. However, on the first day, I was given a map and many friendly students and teachers were happy to help. My advice is: if you do get lost do not be afraid to ask a teacher or student; you will find them very helpful!

Amelia Scanlon, Year 7



BGS CHRISTMAS SHOPPING



We are hosting a
Christmas Shopping Evening on
Thursday 23rd November 2017 from
7.00pm



Forthcoming Events

October

Friday 20th ~ Last school day before Half Term

Monday 30th ~ First school day after Half Term

November

Wednesday 1st ~ Year 7 Concert, 4.30pm (see Music notice)

Tuesday 21st ~ Sixth Form Open Evening (Internals)

Wednesday 22nd ~ KS5 Showcase 6.00pm (see Music notice)

Thursday 30th ~ Oliver Production 7.00pm (see notice)

December

Friday 1st ~ Oliver Production 7.00pm (see notice)

Monday 4th ~ Oliver Production 7.00pm (see notice)

Tuesday 5th ~ Christmas Concert 6.00pm (see Music notice)

Wednesday 20th ~ Last Day of the Summer Term

Next week is half term
Students return to school on Monday 30th October 2017