

# BOURNE GRAMMAR SCHOOL BULLETIN

*Week ending Friday 1 February 2019  
From Jonathan Maddox, Headteacher*

## RS COMPONENTS' TITAN II TRUCK VISITS BOURNE GRAMMAR SCHOOL

*Report by Mr C Delpont, Subject Leader: Design Engineering*

On Monday 28 January, RS Components brought their 35-tonne interactive truck *Titan II* to Bourne Grammar School. The truck brings innovation to life by providing a hands-on experience of engineering and technology used in industry today. It showcases the latest innovations such as Raspberry Pi, 3D printing, robotics, *The Internet of Things* and thermal imaging, plus virtual reality (VR) and augmented reality (AR).



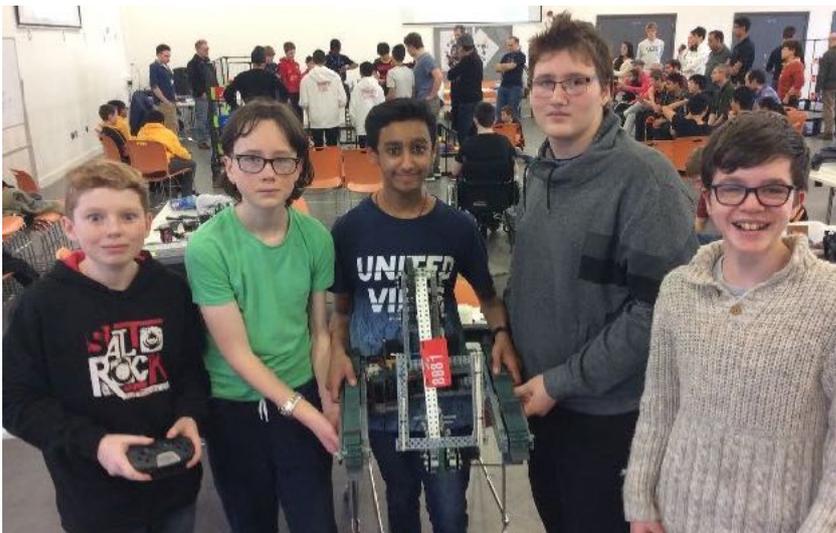
Students entered the truck and completed a series of questions which led them around its interior, allowing them to experience many of the varied aspects of the world of STEM (Science, Technology, Engineering and Mathematics). The questionnaires were entered into a competition to win a smartphone-controlled *Sphero* robot. The students were very enthusiastic as they moved around, experiencing the products hands-on. This was a most valuable opportunity for our students and will hopefully inspire them to looking closer into the exciting world of STEM.



## VEX ROBOTICS COMPETITION

*Report by Mr C Delpont, Subject Leader: Design Engineering*

On Saturday 26 January, the School's robotics team (BourneToCompete) competed in the VEX Robotics Competition located at the Nottingham University Academy. After the initial practice rounds some minor changes needed to be made as we realised that our tank-track system was unable to accommodate the larger-than-expected platforms; this led to some minor changes at the venue to improve the situation. The team of Year 8 and 9 students was then ready to compete.



After becoming accustomed to the controls, the team competed in 12 qualifying matches - each match included another team as an alliance partner - competing to move flags, flip discs over and place them onto higher poles. At the end of the match, teams needed to get their robot onto the coloured platforms to gain extra points. As there was only space for one robot on each platform this created some very exciting finishes. This allowed the team to get a flavour of what the other teams' robots could do and encouraged them to develop strategies and partnerships for the semi-finals.

After the qualifying matches came the semi-finals. All 12 teams were put into alliances, with six groups of 2, before the 'knockout' matches began. We unfortunately missed out on the final, ending in 8th place. Nevertheless this was a very enjoyable and valuable learning experience in the world of robotics.

## YEAR 9 EPR STUDENTS COMMEMORATE MANCHESTER ARENA ATTACK VICTIMS

Miss S Atkinson, EPR

As part of their unit studying the differences between Islam and Islamist Extremism in EPR, Year 9 students have created memorials which commemorate the victims of the *Manchester Arena* attack. Students thought carefully about the symbolism and meaning of their work, creating interesting and moving pieces.

Pictured is a small selection of the pieces of work; they demonstrate how our students are able to connect and empathise with the victims of terror. I hope that you enjoy sharing this insight into our students' work and appreciate the hard work and effort that the students put into their creations.



## YEAR 9 GCSE OPTIONS EVENING - Wednesday 27 February 2019

We will shortly be asking Year 9 students, in discussion with their parents, to choose the GCSE subjects they would like to study in Years 10 and 11.

You will have the opportunity to find out more about the Key Stage 4 (KS4) curriculum at the GCSE Options Evening which will be held in School on Wednesday 27 February from 19:00 - 21:00 - doors open at 18:30.

The main presentation will take place at 19:00 and 20:00 in the Hall and will explain how options are selected using the Online Booking System. During the evening you will also have the chance to talk with each relevant Subject Leader along with Year 10 students who are currently following courses that may be of interest to your son or daughter.

During the last week of Term 3, Year 9 students and their parents will be issued with an electronic copy of the Options booklet, which gives an overview of the KS4 curriculum, details about the options process (including key dates) and specific details about each subject. Please take the time to familiarise yourself with the Options process and the subjects on offer so as to make the best possible use of the limited time available on Options Evening.

We do hope that you are able to attend this important evening and look forward to welcoming you.

### Summary of Key Dates:

- Year 9 Options Booklet emails to students/parents w/c Monday 11 February
- Year 9 GCSE Options Evening - Wednesday 27 February, 19:00 - 21:00, doors open at 18:30
- Year 9 GCSE Options Online Booking System opens - Wednesday 27 February, 20:00
- Student Review Day (SRD) - Friday 8 March, 08:30 - 18:30
- Online Booking System opens for Subject Teacher Consultation Evening (STCE) - Friday 8 March, 20:00
- Online Booking System closes for Subject Teacher Consultation Evening (STCE) - Thursday 14 March, 23:55
- Subject Teacher Consultation Evenings (STCE) - Tuesday 19 and Wednesday 20 March, 16:30 - 20:00
- Year 9 GCSE Options Booking System closes - Friday 29 March, 09:00.

## ADDITIONAL OPTIONAL ITEM OF CLOTHING FOR PHYSICAL EDUCATION LESSONS

*Mr C Ray, Director of PE & Sport*

It has been a number of years since the introduction of the current PE kit. Whilst the quality of the garments remain very high, advances in sports clothing and with an increasing number of lessons being based outside, it seems wholly appropriate to move with the times and introduce a Base Layer for the upper body. The department have been looking at a number of garments and feel that one suitable for the needs of the School sport, will be available very shortly from our suppliers. These will be entirely plain black and long sleeved, made of advanced wicking material, with thumb-holes incorporated into the design. The School initials will be printed in white on the left sleeve. It is recognised that some students may wish to wear their own black base layers and provided that these are entirely plain black with no visible logos on either the sleeves or neck (or other areas), they will be perfectly acceptable. It should however, be stressed that these should be skin-tight, plain black sports-specific layers rather than black sweatshirts or long-sleeved t-shirts, which will not be accepted.

Students will still require the appropriate shirt (BGS School Polo or Games shirt) over this and students will also be able to bring and wear the optional red sweatshirt (KS3) or red hoody (KS4). Following feedback from the student surveys of PE, other items are also being considered but at present we have yet to find an ideal garment readily available.

Therefore, with immediate effect and following the description above, upper body base layers for all outdoor activities may be worn during PE lessons. In the current very cold weather, it is expected that students will welcome this change.

### STUDENT REVIEW DAY - Friday 8 March 2019

Please remember to book your appointment for Student Review Day (SRD), which is on Friday 8 March, if you have not already done so. **Please note that if a parent is unable to attend SRD then the student is still expected to attend their appointment.**

The SRD information email was sent on Friday 18 January to one of the Priority 1 contacts held on our database. If your email has not arrived or if you have any queries about SRD, please email [SRD@bourne-grammar.lincs.sch.uk](mailto:SRD@bourne-grammar.lincs.sch.uk).

### CHICAGO - Wednesday 27 - Saturday 30 March 2019

Saturday night's performance of *Chicago* has now sold out. Tickets for other performances can be purchased online via the following link: <https://www.ticketsource.co.uk/event/279474>. Please contact the Box Office via [boxoffice@bourne-grammar.lincs.sch.uk](mailto:boxoffice@bourne-grammar.lincs.sch.uk) if you have any queries or if you wish to go on the waiting list for returns once a performance date is sold out.

*\*Please note that the tables are situated adjacent to the band and may not be suitable for those with sensitive hearing*

| Performance Date                             | Adult Ticket Price | Concession (Student, OAP, Staff, Governor) | Table* (price is per table and can host a maximum of 4 guests) |
|--|--------------------|--|--|
| Wednesday 27 March, 7pm                      | £11.50             | £9.50                                      | £60.00   |
| Thursday 28 March, 7pm                       | £11.50             | £9.50                                      | £60.00   |
| Friday 29 March, 7pm                         | £13.50             | £11.50                                     | SOLD OUT   |
| Saturday 30 March<br>Matinée at 2pm          | £10.00             | £10.00                                     | £60.00   |
| Saturday 30 March<br>Gala Performance at 7pm | SOLD OUT           |  |  |

# STUDENTS OF THE WEEK

| Name                | Year | Staff              | Subject            |
|---------------------|------|--------------------|--------------------|
| Ellen Nixon         | 7    | Miss McDonnell     | Mathematics        |
| Lily-Grace Cooke    | 7    | Mrs Worrall        | Spanish            |
| Katie Jakeman       | 8    | Mr Chan            | Mathematics        |
| Elliot Joy          | 8    | Miss Creedon       | Spanish            |
| Ben Simpson         | 8    | Miss Smithson      | Registration       |
| Hannah Taylor       | 8    | Miss Smithson      | Registration       |
| Will Walker         | 8    | Miss Smithson      | Registration       |
| Ollie Wilson        | 8    | Mrs Somerville     | Art                |
| Amelie Murphy       | 8    | Miss Smithson      | Registration       |
| Emmanuella Akinniyi | 9    | Miss Segarra Ginés | Spanish            |
| Dan Galpin          | 9    | Mr Chan            | Mathematics        |
| Oliver Coxall       | 9    | Mr Perez           | Biology            |
| Rayyan Faisal       | 9    | Miss Doerpinghaus  | German             |
| Elliot Heatley      | 9    | Mr Sheppard        | Mathematics        |
| Elliott Plant       | 9    | Mr Delpont         | Design Engineering |
| Dan Rambaldi        | 10   | Mrs Clark          | Spanish            |
| Abigail McCullough  | 10   | Mrs Mohan          | PE                 |
| Paige Cheek         | 11   | Miss Smallshaw     | Chemistry          |
| Nick Henderson      | 11   | Mr Edwards         | Spanish            |
| Eve Conway          | 12   | Mr Knight          | Psychology         |

## VACANCY

### Data Administrator

Required from 1 March 2019 or as soon as possible

Hours: 37 hours per week term-time plus 5 training days and two weeks during the GCSE & A-Level exam results (August) - 41 weeks in total

Salary: £22,073 - £24,491 depending on experience

Closing date: 09:00 on Friday 8 February 2019

Please click [here](#) to see the full advert, job description and application form.

If you would like further information regarding the role or the school, please contact

Mrs Jane Gray, Director of Business & Development, for an informal chat or visit.

Her contact details are 01778 422288 ext. 218 or [recruitment@bourne-grammar.lincs.sch.uk](mailto:recruitment@bourne-grammar.lincs.sch.uk).

*We are committed to safeguarding and promoting the welfare of children and young people and expect all who work here to share this commitment. The successful applicant will be subject to an enhanced DBS disclosure and satisfactory references.*