

## Architecture Project Presentations

On Wednesday 10th May, GCSE Graphic Products students presented their Chippenham architectural development ideas to a local architect. After visiting the Bridge roundabout site in central Chippenham and researching the needs of the public, students explored designs and modelled their ideas.

Jack, a Chippenham-based architect, was delighted to see so many influences from different design movements being explored leading to such a diverse range of outcomes. Students were well prepared and delivered very professional presentations. The class were fantastic ambassadors of Sheldon School and received some amazing feedback about how thoughtful, sustainable, and well-researched their ideas were. Students developed their designing skills, and some even produced professional-looking CAD visuals. Look out around the D&T building for student models on display.

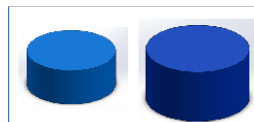


## 3D CAD Club Certificate

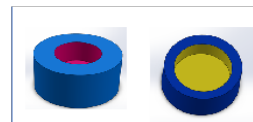
A huge congratulations to Noah Ladd in 7FEB who has become the first student to complete the Introduction to SolidWorks certificate in the 3D CAD club. Having been a committed member of the club since September, Noah has developed and demonstrated all of the basic skills required and even more advanced features of the programme. His commitment and progress should be celebrated, and we look forward to seeing him use these skills throughout his D&T projects in the future. Well done Noah!



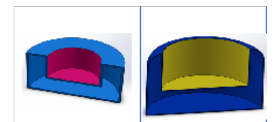
Extrude



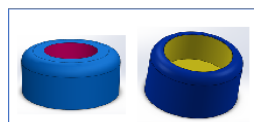
Extrude Cut



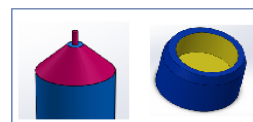
Shell



Fillet



Chamfer



Revolve



## Head-itorial

We have arrived at the final half term and been met by glorious sunshine and high temperatures. As someone who is something of a lizard, this weather is perfect for me, but I appreciate that it isn't ideal for everyone. Athletics under blue skies and summer haze is always uplifting, however, and I am pleased to report that we have had phenomenal success in this area since returning to school. Over 100 students from Years 7 to 10 were involved in the area championships at Bath University this week and prior to that, a staggering 11 students qualified for the South West championships to be held in Exeter by winning at the regionals; huge congratulations to all of them, some of whom will no doubt progress to the nationals. We'll let you know in due course. Also ahead of us and with some excitement for the students involved, are trips to Hameln in Germany, and the sixth form expedition to Zambia (I expect the weather will be hot there too). Having been on the German exchange twice in my time at Sheldon, I know just how valuable these experiences are for our young people and I am delighted that this is once again featuring in the visits programme. Whether it's northern Europe or Africa, I know they will all have a wonderful time

Neil Spurdell | *N. Spurdell*  
Headteacher

## Sustainability and the Environment Rain Water Harvesting – Sheldon Sixth Form block

Sheldon School Sixth Form block has enjoyed the benefits of a Rain-water Harvesting System since 2008.

The system includes a large storage tank which is under the playing fields adjacent to the Sixth Form. This collects rainwater which has fallen onto the roof of this block and supplies 67,000 litres of rain water annually. This is used to flush toilets and urinals in the Sixth form and has saved over one million litres of water that would have normally been supplied through the domestic water supply network.

This has therefore reduced our impact on the Environment and has improved our sustainability credentials over the last 15 years.

**Mr Westake, Facilities Manager**



## Trip to see The Lion King!

On Wednesday 7th of June, we took a coachload of excited Sheldon students, from Year 7 and Year 8, to The Bristol Hippodrome, to see a production of The Lion King. The show was amazing – from first to last! From the bright colours, elaborate costumes and elephants, it never failed to take the audience's breath away. What was more, the Sheldon students were all amazing as well. Several members of the public commented to the staff on the trip, that the students were a pleasure to sit next to. Hopefully, everyone who went, enjoyed the sheer theatre of the piece and will want to go on more Sheldon School theatre trips in the future! A big thank you goes out to all the staff, students and admin staff who made this trip possible and such a pleasure! Hakuna Matata!

**Mr White (Head of PXA)**

## Wiltshire County Athletics Championships

On Saturday we took students to the Wiltshire County Athletics Championships. Students had to qualify for this competition by winning the area trials in their event against pupils from all 10 local secondary schools. It was an achievement for any athlete to even get there. At the County Champs we had some phenomenal performances! Too many to mention in full, but those athletes which won their event at the County Champs on Saturday now go onto represent Sheldon and Wiltshire at the South West Championships in Exeter next Saturday.

Liam Lait: 100m  
Ciaran Merrett: Discus and Hammer  
Layla Gardiner: 800m  
Sophie Maxwell: 1500m  
Ned Blackman: 800m  
Harry Maxwell: 3000m

Josh Maxwell: 1500m steeplechase  
Otis Poole: High Jump  
Adam Merrett: Discus and Hammer  
Savanah Krunity Salako: Hammer  
Peter Krunity Salako: High Jump

**Brilliant performances by all**

**Miss Wainwright, Head of PE**



## Year 7 Science Fair

During term 5, year 7 students were tasked with exploring a topic of science they were interested in and producing a presentation with a demonstration. After some rounds of in class judging, selected students were chosen to exhibit their science presentation in the hall for the school to see. A very big well done to all those groups selected to come to the hall who were visited by staff and students from year 7, year 9 and sixth form. We had some spectacular projects including the power of magnets and their use in locomotion (7JHF), the link between taste and colour of food (7ERE) and the science of luminescence with some very popular interactive glow sticks (7AMB). However, after all visitors cast their votes, it was the highly interesting and enthusiastic presentation from Lucas Carter and Harry Hirst (7ASC) with their project on earthquakes, using jelly and marshmallows to demonstrate their effects, which came out on top. A very well done!

Dr. Elcocks



Well done Harry and Lucas!

In the final week of Term 5 students in Year 8 banded together to raise money for our chosen charity, Cancer Research.....



The first activity took place on Tuesday May 24th with a car wash. Around 12 staff had 'volunteered' to have their cars washed by Year 8 students and a dozen students in the year group got busy with buckets and sponges. With a charge of £5 per car we raised a very creditable £60, a great start to our fund raising activities.

The following afternoon a rounders match took place at the end of school between a crack team of fully trained staff and 25 year 8 students. We divided the teams equally with several students agreeing to join the staff team and it was the staff team (with a few ringers) who emerged victorious after a thrilling contest 10-6. Students were magnanimous in defeat and the teachers tried really hard not to crow too much about the result.

During Thursday a number of students in the year group took part in the step-up challenge, paying £1 for the privilege of using their mobile phones or watches to record the number of steps taken on that day. Staff also took part and there were some amazing results, 2 students showing me screen shots from their phones to verify that they had completed around 20,000 steps. They were duly rewarded.

Finally on the last day of term we held a lunchtime cake sale. Students (and their parents) had baked and bought a variety of delicious cakes from tasty brownies to flap-jacks and a plethora of cupcakes. It was fantastically supported both by students who ran the sale and by students and staff across all year groups and we raised an amazing £220, bringing the total for our week of fund raising to just shy of £340.

I was extremely proud of students' efforts and would like to thank the tutor reps for their initial suggestions and for the smooth running of the week's events.

Mr Merriman (Head of Year 8)

### Music Exam Results

Luca Dowson (8GMB) - Grade 3 Flute (Merit)  
Susie Stephenson (10 KEL)- Grade 5 Theory

A huge congratulations to my students on their exam results! - Mr Fosker

### Year 11 and 13

Please remember to return any library books to the school and if you have a loan school laptop please return it either to reception or the IT Office.