



Secondary Spotlight

24th November 2017, Edition 13

Secondary Notices

Tuesday 28th November:

Parent Workshop

IB Diploma, 8:45 a.m. A030

Friday 1st December:

Secondary Assembly

World Scholar's Cup and Save the Children

Student Wellbeing

Everyone enjoys an edible treat every now and again, but a balanced and nutritious diet is important to our growing students. New research suggests that we should ditch 'Five a Day' and aim for 10 portions of fruit and vegetables!

Sports Report

Unfortunately we had 6 fixtures cancelled this week due to weather. However the U12 boys basketball team beat the Canadian International School 31-10 and the U14 girls football team beat Dulwich 11-3. Go Lions!

Our subject in the Spotlight this week is... D.T

Year 7:

Year 7 have very successfully developed their design and making skills by making a durable and fit-for-purpose keychain. Each design is unique but has been designed according to specifications. Next, they will be creating their designs in Computer Aided Design and will be cutting their designs on the laser cutter in a range of materials to make unique jewellery.

Year 8:

Year 8 have been learning about structures, bridges, and in particular the truss. They have learned about the forces and loads on structures as well as compression, tension and the importance of triangulation. They have made model trusses to span a gap and have tested these with weights until failure. To further their understanding, they have also used simulation software to design and make a range bridges, including truss, suspension and a hydraulic draw bridge.

Year 9:

Year 9 has been to designing a skate park and sharing their ideas through a range of communication methods. They have been practising their isometric drawing skills, made physical card models, have been introduced to a range of acrylic bending techniques, and have also communicated their designs using 3D Computer Aided Design software (Autodesk Fusion 360).

Year 10:

Year 10 GCSE D&T have already covered a considerable amount of the theory components of this course as well as some preparation for the final design project. A fair amount of the fundamental understanding of how to successfully approach this design project and how to apply a range of design strategies has been covered in order to gain a sound overview of all aspects of this course. The class has also already completed one practical project: the upcycling of a shipping pallet into a stylish coffee table with an animal theme.

Year 11:

Within year 11 GCSE D&T, students are refining the two main components of this course: the theory and the practical. The theory components of the course have now been completed and the class are currently tackling past papers and mark schemes in order to gain a good understanding of the examination, while sharpening their exam writing techniques. The design project is returning to our main class-time focus now, with the class currently working on the development stage of the design process, with the aim of beginning making their designs in the New Year.

Update from IB Coordinator:

With one of the IB Learner Profile traits being 'reflective', this week the IB students completed their student reflections for their term 1 report. The students have also been carrying out preliminary research as they decide on a topic of study for their Extended Essay.

