



Secondary Spotlight

22nd March 2019
Term 2, Edition 10

Secondary Notices

25 th March – 29 th March	STEAM Challenge Week
Tuesday 26 th March	Parent Workshop – Supporting your child at home, Juilliard Music Room, 8:45-9:30 DCIS Proms Rehearsal (Cooper Hall)
Wednesday 27 th March	DCIS Proms, Cooper Hall, 18:00-21:00
Friday 29 th March	Term 2 ECAs End
Saturday 30 th March	DCA Movie night

TTT Deadlines: w/c 25th March
 Year 7 – Music & Computing and History,
 Year 8 – French and Mandarin
 Year 9 – Visual Arts & DT and Geography,

Our subject in the Spotlight this week is.... Design and Technology

Year 7: Our Year 7 students have temporarily stepped out of their toy car product design unit to prepare themselves for STEAM week. They have been using a variety of new technologies to recreate the superpowers of various animals. This has some students building a dragonfly drone, some making Lego robotic ants and others building bioluminescent creatures using micro bits and Arduinos. On Friday 29th March Year 7 students will be presenting their creations to the rest of the secondary school during assembly.

Year 8: Year 8 students have been completing their clock designs. Many have cut out their frames using the laser cutter, and some have added their clock mechanism. Well done to all Year 8s for bringing this long project to the finish line, the designs are looking amazing!

Year 9: In Year 9, our students have been rapid prototyping their furniture designs using wire, card, foam and papers. These prototypes are looking great and will inform the students about how workable their contemporary designs might be in terms of structure and ergonomics.

Year 10: Students have reached the half way point in their mini contextualised challenge. This project mimics the GCSE project next year which contributes 50% of the qualification. They have identified the problem, developed the specification and started generating design ideas. From here students will be developing their best design and will start to build it in the coming weeks.

Year 11: The Year 11 students continue with their GCSE project and are beginning to build their designs. It's an important stage in the project as time management becomes the key to completing the necessary requirements before the deadline of 25th April. Good Luck Year 11s!

Update from IB Coordinator: This week our IB physics students attended a talk hosted by world renowned physicist Carole Mundell on big bangs and black holes. Well done to Ishaani and Teagan in Year 12 who represented the school at the environmental committee symposium at Tanglin Trust School.

