

# East Hills Girls Technology High School

East Hills Girls Technology High School is a technology high school with over 1000 students. As an **Apple Distinguished Program School 2016-2017**, every student from Years 7 to 11 and all teachers use iPads. Students are proficient users of many applications and as they progress from Year 9 to 12 the use of technology is integrated. All students experience a diverse range of technology from data logging devices to 3D printers.

The use of technology is presented to the wider educational community through the **Technology Expo and Educational Innovation** tours. East Hills Girls frequently supports and hosts visiting educators from Australia and internationally, showcasing our integrated use of technology. The annual Technology Expo provides an exciting opportunity for teachers to share their teaching practice while showcasing student outcomes to visitors.

Through delivering all courses with iTunes U, **technology is integrated into teaching and learning**. iTunes U provides students with course overviews, syllabus information, course outcomes and assessment task information while connecting students with resources to complete tasks and classroom work. This has transformed the way students engage with learning materials, access resources and receive feedback. Students in Year 7 and 8 create a Digital Learning Portfolio using iTunes U. In these courses students upload assignments and reflect on their learning using guided focus questions.

East Hills Girls has a dedicated **ICT Centre**, a Head Teacher of ICT and an ICT faculty comprising of industry qualified professionals. The Coding Club is well attended by students, who gain a deeper understanding of the writing of computer code and its application. Students participate in the University of *Sydney Girls Programming Network* which has allowed some of the students to be selected for the National Computer Science School. All students in Years 9 and 10 study **information software and technology**. East Hills Girls offers a wide variety of curriculum for girls in courses including **Electronics, Graphics and Engineering**. These subjects are offered as Stage 5 electives and Stage 6 HSC courses.

Partnerships have been created with industry through Teacher Earth Science Education Program to build curriculum links to sustainability and earth science, CSIRO, Australian National University.

East Hills Girls participate each year in the **NASA Space Camp**. A group of students attend Space Camp at NASA in the USA engaging in STEM challenges and developing an understanding of space engineering and technology.

