Staff

All science staff are well qualified, highly motivated and experienced. Newton Moore SHS was selected as a Teacher Development School in Science to lead and support the implementation of Australian Curriculum in WA.

Our staff have won many awards including WA and Australian Innovative Teacher of the Year, Microsoft Global Runner up, Curtin University Teaching Excellence Award, Premier’s Science Teacher of the Year, Australian Eureka Science Teacher of the Year, Engineer’s Teaching Excellence Award and NEITA Awards.

Newton Moore Senior High School is a school in which students feel safe to be themselves, are challenged in an innovative environment, work as members of teams and are given opportunities to demonstrate leadership and achieve success along many pathways.

Selection Process

To ensure like minded, high achieving students are accepted into the program, a selection process operates. Prospective students will be required to complete a written application providing evidence of their ability and sit an entrance test.

Enrolments are accepted for each year during Semester One. However new families to the region can apply on their arrival. Early enrolments are encouraged to ensure selection.

Scholarships are provided for each year from our Industry and Community partners. These include BHP Billiton Worsley Alumina, GHD, Lowes, Churchill and Associates, Doral, Simcoa, Lescenault Rotary and NMSHS Parents and Citizens.

Further information on the selection process is available by contacting the Head of Science, Mrs Lorraine Ellis on 08 97222454

Sheldon Scott

Sheldon graduated in 2011 as Dux of Newton Moore Senior High School. Sheldon became a member of the WA’s elite 100 Club after achieving higher than 99 in his ATAR. Sheldon is studying Actuary Science which involves statistics, insurance and risk management at Curtin University. He received a Curtin University scholarship as well as Science Horizon scholarships throughout high school.

“I was part of the Science Horizon program and TAGS from year 8. These programs and the teaching staff across the school provided great academic and personal support in helping me achieve my ambitions.”
The latest technology is embedded in science lessons. All laboratories are well equipped having access to laptops, data logging, digital microscopes, microprocessors, water testing equipment and gel electrophoresis and nanotechnology equipment, not readily available across other schools. As a Microsoft Innovative School, students have the opportunity to participate in global video conferencing. Our sister school relationship with the Singapore Chinese Girls’ School fosters exchange visits.

The Program

The Science Horizons Program offers students an enriched Australian Curriculum with the extension into a variety of related topics. The extension program draws strongly on our industry, university and community partnerships.

The curriculum is constantly evolving incorporating the latest scientific knowledge and resources. Students have the opportunity to design and conduct their own scientific investigation with the CSIRO Crest Awards.

Students participate in a variety of on and off campus activities where they are involved in many ongoing research projects linked to tertiary research. As Marine Managers they work with scientists to collect and collate data about the dolphins of Koombana Bay; participate in an ecological research of the local mangroves and play a key role in Murdoch University’s study of threatened native fish. Extension in the Physics and Chemistry field includes the STELR project (Academy of Technological Sciences and Engineering) and Spice programs from UWA.

Successes

Newton Moore students have won many State awards; two Eureka Prizes and two Australian Water Prizes at the National level and represented Australia twice at the International Stockholm Junior Water Prize.

Our first graduating class of 2010 was the top performing regional school (public and private) in ATAR results. They also achieved 100% graduation and we have members achieving WA’s 100 Club elite status from ATAR results.

Science Horizons is for talented students who have a passion for learning and who want to understand the world around them. It is for Year 7 to 10, continuing into the Year 11 and 12 sciences of Chemistry, Physics, Biology, Human Biology and Certificate II Aquaculture.

Students are prepared for careers in all science fields ranging from Astronomy, Biotechnology, Nanotechnology, Chemistry, Medicine, Sport Science, Veterinary Science to Zoology.

Students are able to cross boundaries to partake in this Approved Specialist Program. Science Horizons students travel from far and wide including from Harvey, Balingup, Capel and Donnybrook, across the city and outer city regions.

Students are grouped together for Science, Maths, English and Society and Environment. Students develop individual excellence and collaborative skills by participating in science projects, contributing to running a Science Fair, competing in national science competitions, presenting and attending state and national workshops, work sites and conferences.