



Armadale Primary School's STEM Philosophy

Armadale Primary School (APS) is an independent public school located in the foothills of Armadale, 28km south east of Perth CBD. APS offers a vibrant learning environment and strives to ensure every child has the opportunity to achieve their personal best and to make school the best days of their lives.

STEM is everywhere at APS, and the school has incorporated the STEM philosophy across all learning areas. STEM is seen as a tool for students to explore, investigate, plan, assess and challenge their thinking processes.

“Our dedicated Science and Numeracy staff work collaboratively to provide hands on programs based on the investigative process which acts as a platform for future learning”, said principal Mr Wayne Walpole.



The school links students' understanding of data recording and analysis processes, by using the same terminology, having the same expectations and utilising technology when appropriate.

Students have the opportunity to demonstrate their skills and knowledge through voluntary participation in the annual Science Talent Search, School Science Slam as well as the Young Inventor program.

Selected students engage with the community and local educational facilities

through Dieback injection field days, Robo Gals Program with Curtin University, Rockets Away with Armadale SHS and Conservation Programs with Landcare, Armadale Shire and the Perth Zoo.

Parents are involved through the opportunity to attend Science Sleepovers, with past events focussed on astronomy and conservation (construction of bat and possum boxes), and the Science Slam where parents co present science concepts with their children.

Armadale Primary School's STEM program was recognised last year when it became a finalist in the inaugural Governor's School STEM Awards. The Governor's School STEM Awards recognise principals and school leadership for high quality outcomes and approaches in the STEM subjects as well as in the way STEM teaching is integrated across the learning areas.

For more information on the awards and to learn how your school can become involved, visit www.dpc.wa.gov.au/science/AwardPrograms/GovernorsSchoolSTEMAwards/Pages/default.aspx.