**STANSW Young Scientist – Primary Young Scientist Award**



**Timothy Hanna, Caringbah North Public School, *Can ‘resting’ resistant bacteria from exposure to an antibiotic induce susceptibility once more?* (Overall best 3-6 project)**

Timothy investigated if antibiotic resistant bacteria can become susceptible, once again, to an antibiotic if given a ‘resting period’ in which generations of bacteria are allowed to grow from resistant bacteria without further exposure to the antibiotic. His results indicated that, after ‘a resting period’, the bacteria *Escherichia Coli* was susceptible to antibiotics.