

### Garden Project for Years K-6

The STEM Garden Project involved students across the school from Kindergarten to Year 6. The objective was to *create an environment for all living things in our school*. Within the project all students brainstormed who lives in and uses our school environment and then considered what we may need to include in the garden space. Early Stage 1 and Stage 1 focused on the layout of the garden, building a model and coding Ozobot to travel through the garden model. Stage 2 focussed on Native Bees in our garden, researching their needs and building a bee hotel. Stage 3 focussed on native plants, visiting the botanic gardens and hosting a fundraiser to purchase native plants for the garden. A group of Gifted and Talented students participated in an enrichment research task and designed a Sphero powered garden machine which was presented at a school assembly.

<b>Science and technology outcomes</b>	STe-1VA ST1-1VA ST2-1VA ST3-1VA	STe-5WT ST1-5WT ST2-5WT ST3-5WT	STe-8NE ST1-10LW ST2-10LW ST3-10LW
<b>Mathematics outcomes</b>	MAe-9MG MA1-9MG MA2-9MG	MA2-5NA MA3-5NA	MA2-16MG

### Statement of impact

Through the Glenreagh Garden Project students were engaged in authentic learning experiences. Students in all classes showed enthusiasm towards their involvement in the project and demonstrated initiative in seeking and utilising the required resources. The project also successfully engaged members of the community who volunteered their time and expertise to assist us. Through the design thinking process students developed resilience, problem solving skills and collaboration skills. Glenreagh Public School is looking forward to further school wide STEM projects and fostering a culture of authentic, project based learning in classrooms.

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#### For more information

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