

# Investing for Success

## Under this agreement for 2020

### Park Ridge State High School will receive

**\$663 364\***

#### This funding will be used to

Target	Measure
<p>Improve student Pathway Opportunities through innovative and authentic community partnerships:</p> <p><b>Focus: Growing Electronics Industry</b></p>	<p><b>END POINT: Innovation and Community Involvement through Electronics</b></p> <p>Development of an Immersive Electronics Hub (fastest growing industry in QLD)</p> <ul style="list-style-type: none"> <li>Co-creation of project with Industry specialist partners: HE Tech, QMI, Masters and Young, Substation 33, Intelli Design, TAFE Queensland, Defence Force</li> <li>Appointment of 3 specialist teachers with targeted PD to develop capability</li> </ul> <p><b>END POINT: Student Focus</b></p> <p>Development of <b>Electronics PIPELINE</b> to support increased pathways for graduating students in the areas of:</p> <ul style="list-style-type: none"> <li>Electronics, Manufacturing, Telecommunications, all levels of Engineering</li> <li>60% increase in students successfully entering and completing TAFE and University study over a 3 year period in electronic pathway courses</li> <li>60% increase in students choosing an electronics pathways and excited about opportunities in this industry</li> <li>20% increase in students prepared and choosing high-end engineering pathways</li> </ul> <p>Monitoring</p> <ul style="list-style-type: none"> <li>Appointed DP to develop and govern program</li> <li>Continuous measuring of implementation plan and student outcomes</li> <li>Capturing qualitative and quantitative data to support program, including student and community voice</li> </ul>
<p>Improve student Pathway Opportunities through innovative and authentic community partnerships:</p> <p><b>Focus: University, ENABLE Network and PRSHS resourcing to improve ATAR Pathway and Next Step outcomes</b></p>	<p><b>END POINT: Deep Partnerships between Universities, ENABLE Network and PRSHS to develop effective intentional collaboration toward improved pathways development in Junior Secondary</b></p> <ul style="list-style-type: none"> <li>Development of a Math focused support program with Griffith University (to improve General and Essential Maths outcomes across all 14 ENABLE Schools)</li> <li>Development of a Year 7 Pathways program to excite students about the pathway opportunities and skills development toward success</li> </ul> <p><b>END POINT: Student Focus</b></p> <ul style="list-style-type: none"> <li>15% increase of students choosing and succeeding in ATAR pathway</li> <li>15% reduction in subject changes in years 11&amp;12</li> <li>20% increase in student retention rates through 10-12</li> <li>30% increase in positive Next Step, Year 13&amp;14 data over a 3 year period (2020-2023)</li> <li>QCE Achievement for 95% of QCE Eligible students, minimising the impact of additional rigour and new assessment strategies in general, essential and applied subjects</li> <li>Digital Badging opportunities, delivered through University Partners</li> </ul> <p>Monitoring:</p> <ul style="list-style-type: none"> <li>P/DP Appointed to co-develop and monitor progression of initiative, supported by a Masters in Research</li> <li>Development of a data gathering tool to capture the project developed between Schools and University to deliver rigorous and measurable impacts of project</li> <li>Team monitoring processes and check-ins</li> </ul>
<p>Improve student Pathway Opportunities through innovative and authentic community partnerships:</p> <p><b>Focus: University of Queensland Critical Thinking Project</b></p>	<p><b>END POINT: Continued Partnership with University of Queensland to deliver Creative Thinking Project</b></p> <ul style="list-style-type: none"> <li>Creation of data driven research project to monitor progress of a critical thinking approach in the classroom across 20 targeted staff.</li> <li>Inclusion of the 4 C's and Socratic circles to provide a critical thinking and values framework</li> <li>Provision of a state of the art Critical Thinking Centre resourced to deliver collaborative and critical thinking learning opportunities</li> </ul> <p><b>END POINT: Student Focus</b></p> <ul style="list-style-type: none"> <li>20% increase in students choosing STEM related course through Senior Phase of Learning</li> <li>30% increase in achievement levels of targeted student group across all core subjects</li> <li>Preparedness of students for 21<sup>st</sup> Century job market</li> </ul>



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## Our initiatives include

Focus	Initiative	Research
<b>Focus:</b> Growing Electronics Industry	<ul style="list-style-type: none"> <li>• Creation of an Immersive Electronics Hub</li> <li>• Co-development of Curriculum with TAFE Queensland</li> <li>• Capacity Building of 3 Science Teachers to deliver curriculum</li> <li>• Partnership with Industry Specialists to co-deliver aspects of curriculum</li> <li>• Authentic Learning Environments through industry site visits</li> <li>• Development of an E-Waste process at school to re-use and design electronic parts (in partnership with Substation 33)</li> </ul>	<p><i>Electronics Marketing Report 2020/ Trends, Analysis and Statistics</i></p> <p><a href="http://www.reportlinker.com">www.reportlinker.com</a></p> <p><i>Growth rate for electronic parts 5.6% from 2019-2024</i></p>
<b>Focus:</b> University, ENABLE Network and PRSHS resourcing to improve ATAR Pathway and Next Step outcomes	<ul style="list-style-type: none"> <li>• Co-develop, with ENABLE schools and Griffith University, a Maths Engagement strategy to be delivered in Years 9&amp; 10 to improve student outcomes in Senior Essential and General Mathematics subjects</li> <li>• Co-develop with ENABLE schools and Griffith University a Year 7 pathways project to feed into existing careers pathways focus in years 8-12, targeting areas of interest, subject selection and early goal setting</li> <li>• Develop a rigorous tracking process for student pathway development from years 10-14</li> </ul>	<p><i>Pathway Planning and Becoming Somebody: J. Angwin, J. Blackmore, L. Harrison (2001)</i></p> <p><i>We Are The Benefits of Pathways: Sydney University</i> <a href="http://www.westersydney.edu.au">www.westersydney.edu.au</a></p>
<b>Focus:</b> University of Queensland Critical Thinking Project	<ul style="list-style-type: none"> <li>• Partnership with UQ to build the capacity of staff to deliver a critical thinking pedagogy through the lens of the Critical Thinking Framework</li> <li>• Development of a research platform to rigorously capture project over time and its impact on student outcomes</li> <li>• Development of a Critical Thinking Space that provides state of the art learning resources and environments to support the 4 C's and 21<sup>st</sup> Century learning pedagogies</li> </ul>	<p><b><i>Critical and Creative Thinking / The Australian Curriculum / General Capabilities.</i></b> <i>Developing Critical Thinking Skills – The University of Sydney</i> <a href="http://Sydney.edu.au">Sydney.edu.au</a> – documents – learning resources</p>
<b>Focus:</b> supporting learning through engagement with Regional Deep Learning Project	<ul style="list-style-type: none"> <li>• Engagement with SER Deep Learning Project to value add to our existing Pedagogical Framework and to improve our approach to embedding Deep Learning pedagogies.</li> </ul>	<p><i>Putting Faces on the Data: What Good Leaders Do</i> <i>L. Sharratt, M. Fullan (2012)</i> <i>Leading Collaborative Learning</i></p>

## Our school will improve student outcomes by

Actions	Costs
<b>INITIATIVE 1</b>	
<ul style="list-style-type: none"> <li>• Resource Development (Building &amp; Curriculum)</li> <li>• Staff capacity development</li> <li>• Authentic Learning Environments</li> </ul>	163 364
<b>INITIATIVE 2</b>	
<ul style="list-style-type: none"> <li>• Pathway Programs</li> <li>• Senior Schooling Resourcing (Staffing, Specialist Support, Monitoring Processes, Research Projects)</li> </ul>	350 000
<b>INITIATIVE 3 &amp; 4</b>	
<ul style="list-style-type: none"> <li>• Engagement with UQ Research team</li> <li>• Engagement with SER Deep Learning Project</li> <li>• Staff Professional Development</li> <li>• Resources and Promotion</li> </ul>	150 000



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