



## Partner Opportunity

### JET EDUCATION SERVICES (JALA PEO INITIATIVE)

### HYDROPONICS/AQUAPONICS SYSTEM AT STEILHOOGTE PRIMARY SCHOOL AS PART OF JALA PEO WEST COAST SCHOOL FOOD GARDEN PROJECT

Partner/Organization Name	Jet Education Services (Jala Peo initiative)
Opportunity Name	Hydroponics/Aquaponics system at Steilhoogte primary school as part of Jala Peo West Coast school food garden project
Partner/Organization Address	The Education Hub 6 Blackwood Avenue, Parktown, Johannesburg
Opportunity Description (including background & objectives)	<p>The primary school has a well established school food garden in a netted area that produces food to supplement school nutrition programme. In addition to this supplementation the school has also secured sponsors to supplement programme with meals throughout school holidays.</p> <p>They have recently established a larger open air garden to ensure greater production for sales and thus sustainability of school food gardening and also to create opportunities for learners and parents to gain skills on preserving fresh produce via bottling, etc.</p> <p>This school has also been identified as a school in the Western Cape to manage a nursery to provide other Western Cape schools with seedlings because of evidence of good stewardship with projects.</p> <p>A hydroponics/Aquaponics system at the primary school will enhance possibilities of the school food garden in an arid area as pilot to see whether other schools could follow if proven effective. Limited resources in terms of water is significant obstacle to school food gardens in the West Coast area.</p>
Opportunity Aims	Proven example of hydroponics or aquaponics (best option can be discussed) as alternative or additional form of food garden where water is a scarce resource.
Opportunity Benefits (for organisation and partners)	<ul style="list-style-type: none"> <li>• Collaboration and partnerships with stakeholders</li> <li>• Water conservation</li> <li>• Learning opportunity for learners</li> <li>• Improved nutrition for learners</li> <li>• Wider education opportunities with practical involvement.</li> </ul>
Partner/Organization Address	The Education Hub 6 Blackwood Avenue, Parktown, Johannesburg
Registration number (NPO/NGO)	NPO – 2000/07541/08
Location	South Africa <ul style="list-style-type: none"> <li>• Western Cape <ul style="list-style-type: none"> <li>○ Vredendal</li> </ul> </li> </ul>
Suburb	Applicable school : Rural (approximately 15 km out of town in farming community)

Category & Type	<ul style="list-style-type: none"> <li>• Educational Institution <ul style="list-style-type: none"> <li>○ School</li> </ul> </li> </ul>
Website	www.jet.org.za
Nature of business	Jet is focused on improving education for the disadvantaged sections of the South African population
Usual Target Audience of work undertaken	<input checked="" type="checkbox"/> Children (up to the age of 18)
Additional Information	<p>The main objectives of the Jala Peo initiative include:</p> <ul style="list-style-type: none"> <li>• becoming the catalyst for the establishment of a dedicated school food gardening Community of Practice which will facilitate greater coordination and collaboration of stakeholders across the public, private and non-profit sectors;</li> <li>• enabling the collating, codifying and demonstration of multi-stakeholder enabled models for the establishment of thriving public school food gardens where there were none;</li> <li>• enabling the collating, codifying and demonstration of low-cost models for the sustainable maintenance of thriving public school food gardens;</li> <li>• enabling the collating, codifying and demonstration of methodologies that integrate thriving public school food gardens into curriculum delivery (at both GET and FET phases); and</li> <li>• advocating for enhancements/institutionalisation to the education system such that systemic barriers to sustaining school food gardens are mitigated and that the required support structures and resources are put in place, so that school gardens can thrive across the country.</li> </ul>
Keywords	Hydroponics Education Nutrition partnerships
CESM	<input checked="" type="checkbox"/> 01 Agriculture, Agricultural Operations and Related Sciences <input checked="" type="checkbox"/> 07 Education
Type	<input checked="" type="checkbox"/> Teaching and Learning
Target Audience of initiative	<input checked="" type="checkbox"/> Children (up to the age of 18)
Theme & SDG	<input checked="" type="checkbox"/> Education for all <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Quality education</li> </ul> <input checked="" type="checkbox"/> Environment & sustainability <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Sustainable cities &amp; communities</li> </ul> <input checked="" type="checkbox"/> Food security & health <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> No hunger</li> <li><input checked="" type="checkbox"/> Good health</li> </ul> <input checked="" type="checkbox"/> Resources & infrastructure <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Responsible consumption</li> </ul>

NDG	N/A
PSG	<input checked="" type="checkbox"/> Improve education outcomes and opportunities for youth development <input checked="" type="checkbox"/> Increase wellness and safety, and tackle social ills
Other partners involved	Jet Education Services, Department of Education