




# JNF Walter Sisulu Environmental Centre, Mamelodi

## Project Plan for 2018, aligned with CAPS

To book any of our programs please contact Naome Rabothata at 012 801 3197 at least one month in advance. See further instruction on our brochure. Email: [naome@wsec.org.za](mailto:naome@wsec.org.za), <http://www.wsec.org.za>.

JEWISH NATIONAL FUND  
WALTER SISULU ENVIRONMENTAL CENTRE

TERM	ACTIVITY	CALENDER DAYS
1	<ul style="list-style-type: none"> <li><b>Gr 2 Life Skills:</b> Healthy food from the garden (puppet show).</li> <li><b>Gr 5 NS:</b> Food chains, interdependence, and waste.</li> <li><b>Gr 11 Life Sciences:</b> Plant groups: Algae, Ferns, Mosses, Angiosperm and Gymnosperm.</li> <li><b>Grade 4-12:</b> How much water do we use from the water cycle (program for Water Week)</li> <li><b>Grade 7 Biodiversity:</b> Classification of animals, food webs, endangered animals</li> <li><b>Grade 10 Geography Climate Change</b></li> <li><b>Grade 10 Ecosystems for Life Sciences in the fourth term:</b> Bookings take from term 2</li> </ul>	<p><b>Wetlands week: 3-7 February</b> Two hour program on the functions of wetland.</p> <p><b>Water Week: 16-20 March:</b> Contact the centre to book any of our programs in the Water Wise Education Room sponsored by Rand Water.</p> 
2	<ul style="list-style-type: none"> <li><b>Grade 1 Life Skills:</b> The five senses.</li> <li><b>Grade 2 Life Skills:</b> Creatures that live in Fresh/salty water</li> <li><b>Grade 3 Life Skills:</b> The three R's of minimizing waste (Puppet show).</li> <li><b>Grade 6 NS:</b> Wetlands: Exploring the functions and characteristics of a wetland Or Water purification: Where does your tap water come from?</li> <li><b>Grade 6 SS:</b> Resources, Manufacturing and Waste We follow the trail of a resource from its production, distribution and finally its disposal. <ul style="list-style-type: none"> <li><b>Grade 8 NS:</b> Role of decomposers and micro-organisms in maintaining soil fertility</li> <li><b>Grade 10 Geography:</b> Soil erosion</li> </ul> </li> </ul>	<p><b>Earth day: 22 April</b></p> <p><b>Bird week: 3-7 May</b> Two hour program on the importance of birds in our lives, adaptations, and role in the eco system</p> <p><b>International Day for Biological Diversity: 23 May</b> Theme: the International Year of Soil Contact the centre for any programs in our Biodiversity Room and book a program for Biodiversity Week</p> <p><b>World Environment Week: 3-7 June</b></p>
3	<ul style="list-style-type: none"> <li><b>Grade 4 SS and NS:</b> Growing food and growing plants from cuttings.</li> <li><b>Grade 5 SS:</b> Vegetation types e.g. Savannah, Grassland, Forest</li> <li><b>Grade 5 Life Orientation:</b> The quality of water</li> <li><b>Grade 7-9 NS:</b> Energy and Sustainability <ul style="list-style-type: none"> <li><b>Grade 7:</b> Thermo dynamics and transfer of heat, how insulation in the house can cut the cost to energy</li> <li><b>Grade 8:</b> Energy systems, and use of light to cut cost to energy</li> <li><b>Grade 9:</b> Electricity and lightning, the dynamo, how electricity is generated, renewable and non-renewable energy, the cost of energy</li> <li><b>Grade 10 Life Sciences:</b> Eco systems</li> <li><b>Grade 10:</b> Geography, Water Purification/Gr 11 Life Sciences</li> </ul> </li> </ul>	<p><b>National Science week: 3-7 August: theme to be finalised</b> Book one of our programs in the Energy Room with the theme: Energy for Sustainability</p> <p><b>National Arbor week 1-7 September</b> Two hour program on the value of trees in our lives</p> <p><b>National Clean up Week: 16-21 September</b> Book any of our programs in the Waste Room to learn more about waste and how we can minimize it</p>
4	<ul style="list-style-type: none"> <li><b>Grade 1 Life Skills:</b> uses of water, storing of water, safe and unsafe drinking water</li> <li><b>Grade 3 Life Skills:</b> Everybody needs water and drought as a natural disaster</li> <li><b>Grade 4 SS:</b> Uses and storing of water (Puppet show):</li> <li><b>Grade 5 Natural Sciences:</b> Soil: formation, structure and types, fossils</li> <li><b>Grade 6 SS:</b> Indigenous healing : Discover different medicinal plants in our garden and how medicines were prepared in the past</li> </ul>	<p><b>Weed Buster Week: 7-13 October</b></p> <p><b>World food day: 16 October</b></p> <p><b>World Aids Day: 1 December</b></p> <p><b>World Soil Day: 5 December</b></p>