

# JNF WALTER SISULU ENVIRONMENTAL CENTRE

SCHOOL PROGRAMMES  
FOR GRADES R - 12



## WHAT DO WE OFFER?

Visit the Jewish National Fund Walter Sisulu Environmental Centre in Mamelodi, east of Pretoria, for an underwater freshwater experience in the Water Wise Room. The Water Wise Education Team offers a number of hands-on Water Wise activities at the Centre, which are sponsored by Rand Water. The programmes offered are designed to meet curriculum requirements, especially with the implementation of CAPS.

Phase	Programme	Grade
Foundation Phase	<p><b>Water uses at Home</b></p> <p>What do you use water for in the home? A story tells the learners what will happen if there is suddenly no water. Learn about ways in which water is stored at the centre and how water should be used wisely.</p>	1
	<p><b>Water Creatures</b></p> <p>Learn about creatures that live in fresh and salty water. A story is told about water pollution. Discover the fresh water animals in a living wetland.</p>	2
	<p><b>Everybody needs Water</b></p> <p>A puppet show tells the children the story of the elephant and the rain, emphasising that everybody needs water. Children learn about making healthy choices when using water and how water was transported in the past.</p>	3
Intermediate, Senior & FET Phases	<p><b>The Storing of Water</b></p> <p>Learn about how water was collected and stored in the past. Then look at ways how water is collected and stored today. Water must always be used wisely.</p>	4



Phase	Programme	Grade
<b>Intermediate, Senior &amp; FET Phases</b>	<p style="text-align: center;"><b>How much Water do you Use from the Water Cycle?</b></p> <p>Did you know that the water we use today is the same water that was used by the dinosaurs? This is because of the water cycle. In this programme learners experience the water cycle through a simple experiment. They then measure how much water each person uses on a daily basis for various activities, e.g. flushing the toilet, washing hands, etc. This will highlight areas of wastage and the need to find ways of how water can be wisely used in the home and at school.</p>	<p style="text-align: center;">5-12</p>
	<p style="text-align: center;"><b>Where does your Tap Water come from?</b></p> <p>When you open your tap clean water comes out. How did that water get there? During the programme learners trace the journey of water through the catchment to the Vaal Dam, and get a hands-on experience on the purification of tap water through a fun experiment. Learners then participate in a fun game that reflects how clean tap water is supplied to our homes, businesses and schools by Rand Water and the local authorities.</p>	<p style="text-align: center;">6</p>
<b>Intermediate, Senior &amp; FET Phases</b>	<p style="text-align: center;"><b>How Healthy are our Rivers?</b></p> <p>The quality of river water is a reflection of the health of a river. Through this hands-on activity learners are exposed to life in a river or wetland. They do simple tests to determine the quality of the water and investigate where the possible pollution is coming from. They then look at ways of reducing the pollution problem in our country.</p>	<p style="text-align: center;">5-12</p>
	<p style="text-align: center;"><b>Wetlands</b></p> <p>Learners study the importance of wetlands; what are the functions of wetlands as an ecosystem; explore wildlife and plants found in wetlands; and what actions should be taken to conserve and protect wetlands.</p>	<p style="text-align: center;">6</p>

**Please Note:**

**NOTE: TEACHER PROGRAMMES ON ANY TOPIC  
ARE ALSO OFFERED**

(The 6 meanings of being Water Wise are included in all programmes.)

### **Please Note**

- The 3 hour programmes offered may be altered to suit your specific needs. Please contact the person below to discuss your needs.
- A confirmation form, directions and a map will be sent to you once you have booked.
- Minimum number: 15 learners; Maximum number: 60 learners

### **Costs**

- Learner/Teacher Programmes at the Centre: **FREE OF CHARGE**

### **Contact Details**

Contact: Christa Van Schalkwyk or Naome Rabothata

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Website: [www.randwater.co.za](http://www.randwater.co.za) and click on the Water Wise logo or  
[www.wsec.org.za](http://www.wsec.org.za)



**The Water Wise Education Team looks forward to hosting  
you at the JNF Walter Sisulu Environmental Centre**