



# WATER WISE PROGRAMMES IN JOHANNESBURG



## Foundation and Intermediate Phase Programmes

Rand Water's Water Wise Education Team (WWET) offers an education service to schools to assist them with a variety of Water Wise programmes that are aligned to the school curriculum. The WWETs, based at the Rand Water Nature Centre, offer the following Foundation and Intermediate Phase programmes at schools:

### What does it Mean to be Water Wise?

This is a 30-minute presentation on the Six Meanings of being Water Wise. If your school is having challenges with water wastage, these can be incorporated into the programme upon request.



### Shedding the Light on Germs

A programme that includes a fun, interactive handwashing and germ-detecting simulation. If your school is having challenges with hygiene, or if the learners need to learn proper hand washing techniques, these activities are incorporated into the programme.

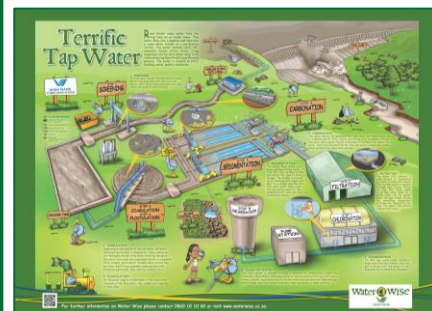


### Water in South Africa

A programme that includes a fun, interactive quiz with an in-depth look at water: how humans obtain it, how it is used, and how it is abused. This quiz covers the water cycle; water uses; the collection, transport and storage of water; an introduction to water pollution; and the importance of using water wisely.

### Natural and Human-Made Water Purification

A programme that focuses on how tap water is purified. Learners will take part in an experiment to get a better understanding of Rand Water's water purification process. This process will be compared to wetlands that work as natural water purifiers.



To book the Water Wise Education Team,  
please contact Tumi Nissel:  
Telephone: (011) 682 0498 or 082 254 3365  
Email: [wnissel@randwater.co.za](mailto:wnissel@randwater.co.za)



For more information on being Water Wise please contact 0860 10 10 60 or log onto [www.randwater.co.za](http://www.randwater.co.za) and click on the Water Wise logo

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# WATER WISE PROGRAMMES IN JOHANNESBURG

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## Senior and FET Phase Programmes

Rand Water's Water Wise Education Team (WWET) offers an education service to schools to assist them with a variety of Water Wise programmes that are aligned to the school curriculum. The WWETs, based at the Rand Water Nature Centre, offer the following Senior and FET Phase programmes at schools:

### Water Wise Presentation

This is a 30-minute presentation on the Six Meanings of being Water Wise. If your school is having challenges with water wastage, these are incorporated into the programme.



### Shedding the Light on Germs

A programme that includes a fun, interactive handwashing and germ-detecting simulation. If your school is having challenges with hygiene, or if the learners need to learn proper hand washing techniques, these activities are incorporated into the programme.



### Water Quality Testing

If your school has a water source nearby, you can invite the team to facilitate water quality testing with your learners. Activities include:

- MiniSASS: catching and identification of water life to assess the health of a river.
  - Water Quality Testing: the testing of pH, turbidity, coliform bacteria, dissolved oxygen, temperature, nitrates and phosphates.
- Water quality testing equipment will be provided by Rand Water.



### Water in South Africa

A programme that includes a presentation and quiz that covers the use/overuse of water resources and how water is managed in South Africa. The quiz will include content on causes and effects of floods; local environmental health problems related to water; and what are some of the solutions.

### Clean Water for All

Experience the importance of water and the fascinating properties of water through an interactive experience. Explore careers in the water sector and make wise decisions about your future and the future of Earth, the planet that we call home.



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## Tertiary and External Stakeholder Programmes

Rand Water's Water Wise Education Team (WWET) offers an education service to organisations at **external venues** to assist them with a variety of Water Wise programmes.

### Shedding the Light on Germs

A programme that includes a fun, interactive handwashing and germ-detecting simulation. Hygiene challenges and the demonstration of proper hand washing techniques are incorporated into the programme.



### Water Purification Presentation

A 1.5 hour programme that includes a presentation that covers water as a natural resource; its importance in social and economic development; the challenges to water supply; and how water can be conserved. The following content will be covered: the river catchments of the Vaal Dam (Rand Water's source of water); how is tap water cleaned; how is clean water distributed; and an analysis of water consumption and water conservation tips.



### Educator Workshops

Various curriculum aligned materials have been developed by the Water Wise Education Team. Invite the team to 'unpack' how to use these materials in a classroom context to support education for sustainable development.

### Special Requests

Organisations may request the services of the Water Wise Education Team for special events such as Water Awareness and Clean-up Campaigns and Career Exhibitions.

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