

## GUIDELINE # 3: CONSERVING WATER IN SCHOOLS

### How Water is Wasted in Schools

Particulars	Liters per day (estimate)
Leaky Plumbing Joints	90
Leaking Taps (One Drop / Second)	25
Toilet leaks	60
Using full tank when flushing	45

#### How to Conserve Water in Work Areas and Kitchen/Canteen areas

- Close all taps tightly after use
- Wash utensils in two sinks rather than directly under the tap. Fill one for soaking and the other for rinsing. If only one sink then use a plastic basin for soaking

#### How to Conserve Water in Bathroom

- Do not keep tap running while washing
- Put brick or bottle filled with water in the flush tank (displacing water in this manner leaves less water in the tank or flush)
- Keep floors wiped dry so water leaks can be more easily detected

#### How to Conserve Water in Garden/Yard/Playground

- Use hand held watering can or spray and do not use pipe or hose. If hose has to be used attach small sprinkler with a on-off manual button at the watering end of the hose pipe
- Water garden in morning or evening, when it is cooler and water is more easily absorbed
- Water plants at roots and do not over water plants
- Checks for leaks in hose pipes and taps

- Harvest water from the atmosphere through the cooling action of air conditioners
- Do not let this water fall on concrete floors or yards and evaporate back into the atmosphere
- Harvest this water by putting one end of a plastic pipe in the air conditioner's discharge vent and the other in a jerry can or bucket and use this water for household purposes or in the garden

### **Maintenance and Repairs**

- Replace old rusting water and sewerage pipes (connecting the street lines with your house) with PE pipes
- When building a new house or building use PE pipes
- Install a P-trap for sanitation and replace or repair if it has been there for more than 10 years

### **School Water Conservation and Management System**

1. Appoint one or more person in school to take on water conservation responsibilities
2. Make these responsibilities part of schools goals and written job description of appointed person(s)
3. Institute daily checking at the end of each school day, of all bathrooms, kitchens, work areas and outdoor spaces to ensure that all taps are closed tight and there is no leakage
4. Ensure regular maintenance and repair of all water infrastructure
5. Institute periodic water audits
6. Arrange for reuse of water harvested from the atmosphere (if school has
7. an air conditioner) within the school
8. Involve School children in water audits and water conservation behavior
9. Send Household Water Conservation Guidelines home with children

**For further details please visit**

**Web Site: [www.hisaar.org](http://www.hisaar.org)**

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