

# Green Schools at Work

## WATER

### STEP 2 How much water does your school use?

Before we can think of saving water it is important to know how much water is the school actually using. The actual quantity of water being consumed by your school can be calculated by consulting the administrative staff member in your team. Another method to find out the quantity of water (litres per day) — (LPD) being used for different purposes in the school is given below.

Quantity of water being used = Total strength (a) x Amount of water consumed for each use (b)

a. Total strength of your school is:

Students	1656	55	3	10	1724
Teachers			Administrative staff	Other staff	Total Strength

b. Amount of water consumed:

Generally we use water for drinking, washing (water used for cleaning your body and cleaning your belongings), flushing, cleaning (water used for mopping floors, furniture and interiors) and gardening. We also use water in swimming pools, fountains, art classes and sports fields (these are counted as other uses). Consult the administrative staff to find out cleaning and gardening area.

Uses	Day scholar school	Residential school
Drinking	3	8
Washing	5	40
Flushing	12	30
Cleaning	0.5 (litre / sqm)	1.5 (litres / sqm)
Gardening	2.5 (litres / sqm)	2.5 (litres / sqm)
Other uses	5	15
Total	28	97

\* The average gain for cleaning and gardening is in litres per square metre of area. All other averages given in litres per sqm per day (LPD).

1	2
(Drinking)	(Washing)
10	0.5
(Flushing)	(Cleaning (litre / sqm))
1.5	2
(Gardening (litre / sqm))	(Other uses)
17	
Total consumption per day:	

\* Total quantity of water used in litres per day (LPD).

Did you know that we use more than 10 times the water we drink to flush away the waste in our toilets. Placing a brick in the flush tank of the toilet could save two litres of water every time.



Water section of the report submitted by Kendriya Vidyalaya, NDA, Khadakvasla, Pune

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Presentation Convent, New Delhi tells us about the total number of vehicles used by the school

-Meena Jethi, GSP Coordinator

### TOTAL NO. OF VEHICLES USED BY THE SCHOOL

VEHICLES	NUMBERS	PETROL	DIESEL	CNG	OTHERS	REMARKS
Buses	19	-	-	✓	-	-
Buses on Contract	-	-	-	-	-	-
Cars	04	04	-	-	-	-
Cars on Contract	-	-	-	-	-	-
Two Wheelers	01	01	-	-	-	-
Cycles	-	-	-	-	-	-
Others	-	-	-	-	-	-
Total	24	05	00	19	00	48

## LAND

### How many species of animals does the land support?



This step will help you to understand the number and variety of animals that the land supports. Identify the various species of animals in your school and fill in Table 3.1. Photocopy the table to list all species of animals. Count the animals you have listed in this table and write the total in the space given below.

Sl.No	Local name	Latin name	Vertebrates/Invertebrates	Remarks
1:	Toad	Bufo melanostictus	Vertebrates	
2:	Dog	Canis familiaris	"	
3:	Cat	Felis domesticus	"	
4:	Squirrel	Funambulus palmarum	"	
5:	Wall lizard	Hemidactylus	"	
6:	House mouse	Mus musculus	Invertebrates	
7:	Housefly	Musca domestica	Vertebrates	
8:	Snake	Naja Naja	"	
9:	Rabbit	Oryctolagus cuniculus	"	
10:	Cockroach	Blattella germanica	"	
11:	Monkey	Acrobates aethiops	"	
12:	Rat	Rattus Rattus	"	
13:	Bat	Pteropus megopus	Invertebrates	
14:	mosquito	Culex	"	
15:	honey bee	Apis	"	
16:	Phormica	Phormica	"	
	Carabus			

Number of animals the land supports is = 16



Jawahar Navodaya Vidyalaya, Sardhana, Meerut, is the first school in India to submit the Green School Report. A section of the Land Chapter

- N.P. Singh, teacher Coordinator